

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112421\
 Data File : BM033253.D
 Acq On : 24 Nov 2021 18:48
 Operator : CG/JU
 Sample : M4802-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RRT-01

Quant Time: Nov 26 04:09:50 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

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	136612	20.000	ng	0.00
21) Naphthalene-d8	10.736	136	504613	20.000	ng	# 0.00
39) Acenaphthene-d10	14.560	164	327503	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	635753	20.000	ng	# 0.00
76) Chrysene-d12	21.453	240	614718	20.000	ng	0.00
86) Perylene-d12	23.794	264	639469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	1039917	125.706	ng	0.01
7) Phenol-d6	7.119	99	1259295	113.661	ng	0.02
23) Nitrobenzene-d5	9.101	82	1070828	98.514	ng	0.00
42) 2,4,6-Tribromophenol	16.048	330	493672	138.280	ng	0.00
45) 2-Fluorobiphenyl	13.189	172	2102226	90.527	ng	0.00
79) Terphenyl-d14	19.906	244	2710800	87.199	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.742	107	165176	16.487	ng	90
31) Naphthalene	10.789	128	2024550	76.058	ng	100
32) Benzoic acid	10.125	122	23332	10.023	ng	88
37) 2-Methylnaphthalene	12.389	142	215123m	11.871	ng	
38) 1-Methylnaphthalene	12.613	142	121319	6.862	ng	98
46) 1,1'-Biphenyl	13.395	154	49731	2.020	ng	92
52) Acenaphthene	14.624	154	200977	11.130	ng	96
55) Dibenzofuran	14.954	168	196787	6.554	ng	93
58) Fluorene	15.607	166	169067	7.191	ng	97
71) Phenanthrene	17.342	178	447782	12.814	ng	99
72) Anthracene	17.430	178	385694	11.441	ng	99
73) Carbazole	17.701	167	359810	10.728	ng	99
75) Fluoranthene	19.342	202	167490	4.171	ng	94
78) Pyrene	19.706	202	101925	2.519	ng	# 95

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

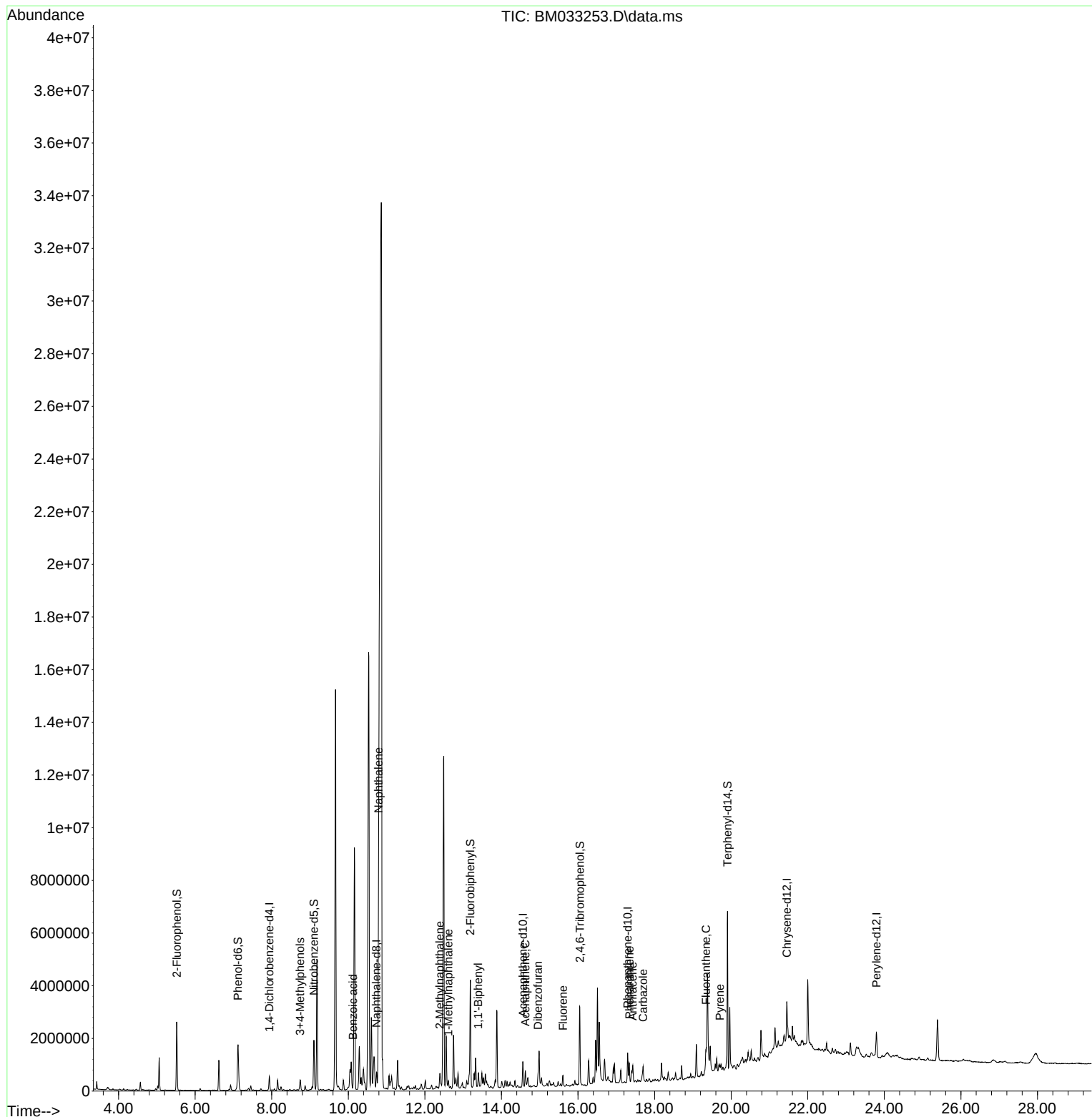
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112421\
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ALS Vial : 14 Sample Multiplier: 1

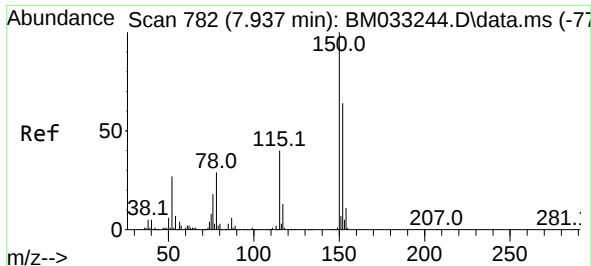
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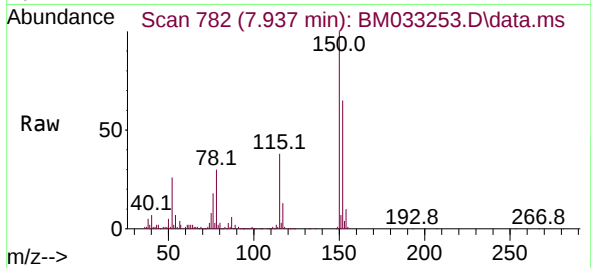
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Supervised By :Sohil Jodhani 11/30/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 782
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

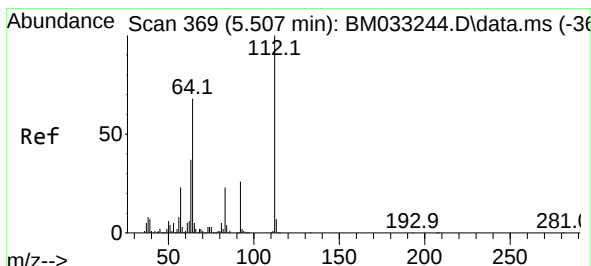
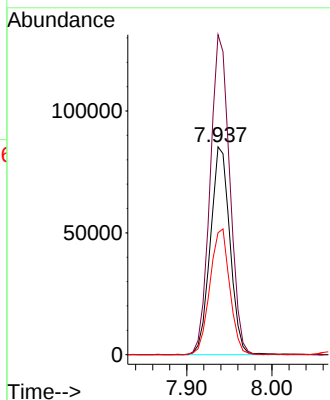
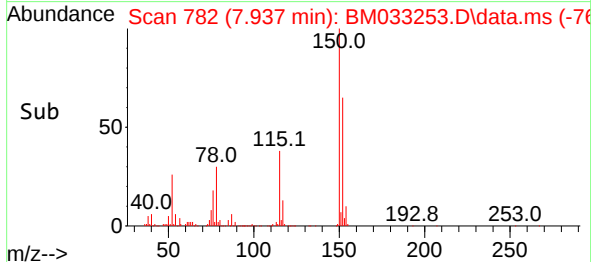
Instrument :
BNA_M
ClientSampleId :
RRT-01



Tgt Ion:152 Resp: 136612
Ion Ratio Lower Upper
152 100
150 153.9 122.4 183.6
115 58.7 53.8 80.8

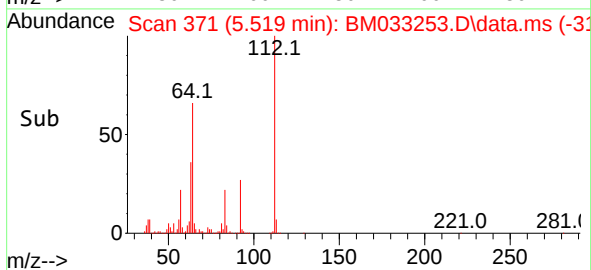
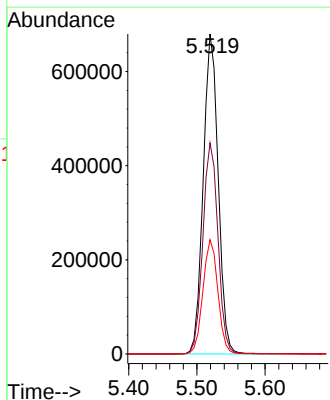
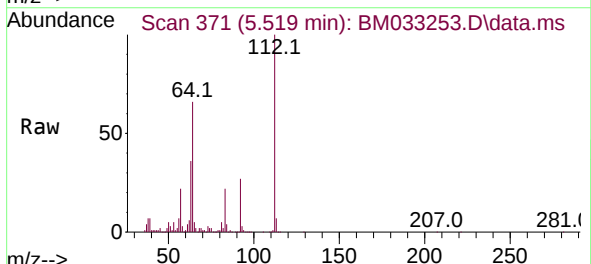
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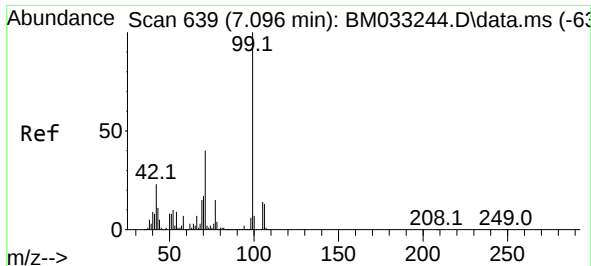
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021



#5
2-Fluorophenol
Concen: 125.706 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.012 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

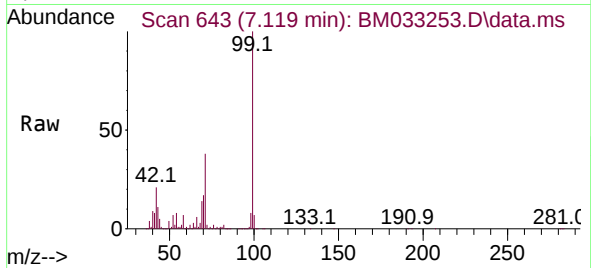
Tgt Ion:112 Resp: 1039917
Ion Ratio Lower Upper
112 100
64 65.9 53.7 80.5
63 35.7 33.9 50.9





#7
Phenol-d6
Concen: 113.661 ng
RT: 7.119 min Scan# 643
Delta R.T. 0.023 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

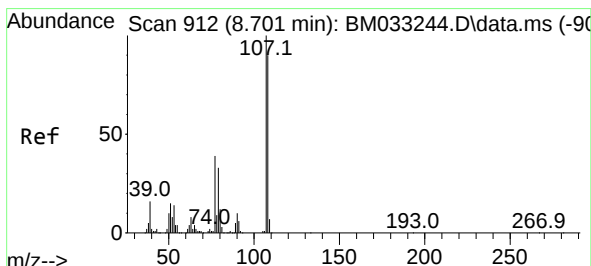
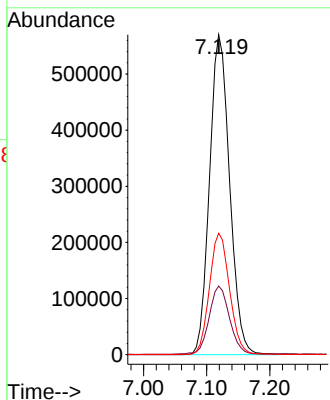
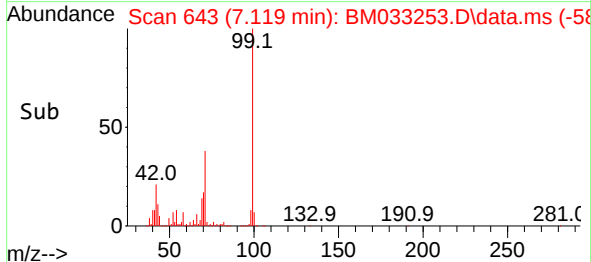
Instrument :
BNA_M
ClientSampleId :
RRT-01



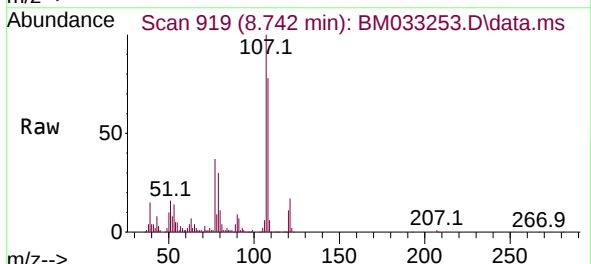
Tgt Ion: 99 Resp: 125929
Ion Ratio Lower Upper
99 100
42 21.5 23.0 34.6
71 37.9 37.8 56.8

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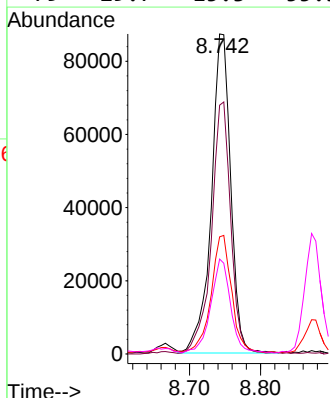
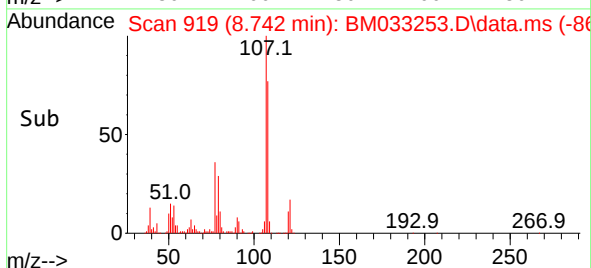
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

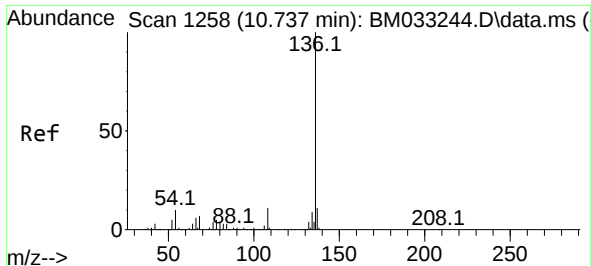


#20
3+4-Methylphenols
Concen: 16.487 ng
RT: 8.742 min Scan# 919
Delta R.T. 0.041 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48



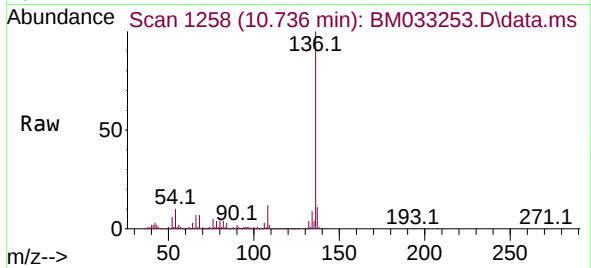
Tgt Ion:107 Resp: 165176
Ion Ratio Lower Upper
107 100
108 77.8 67.6 107.6
77 36.6 21.9 61.9
79 29.7 15.3 55.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.736 min Scan# 1
Delta R.T. -0.001 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

Instrument :
BNA_M
ClientSampleId :
RRT-01

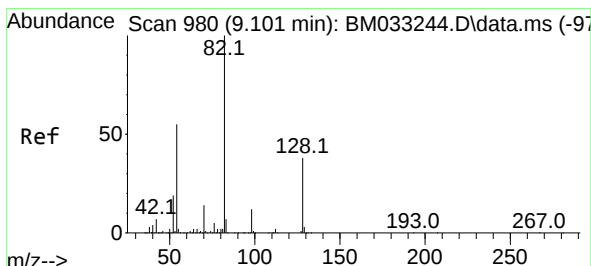
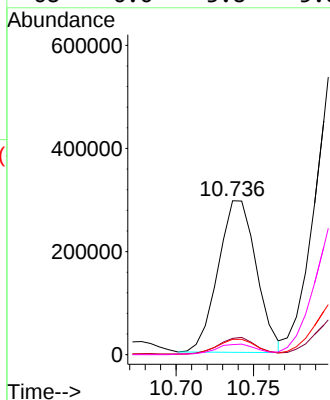
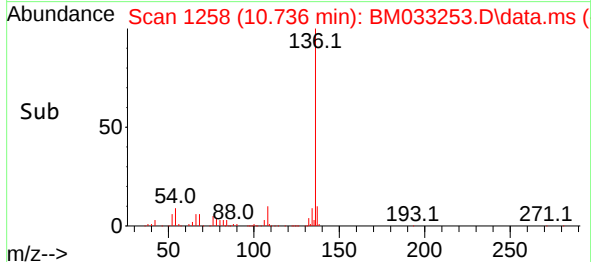


Tgt Ion:136 Resp: 50461

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.0	7.4	11.0
68	6.6	3.8	5.8

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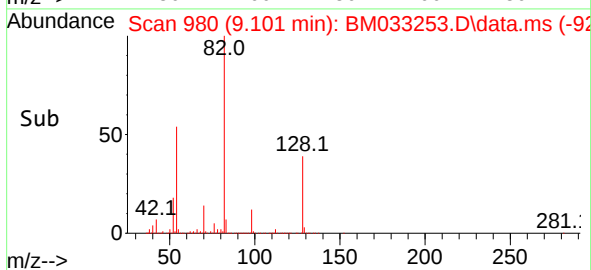
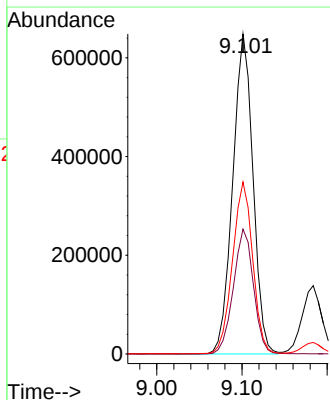
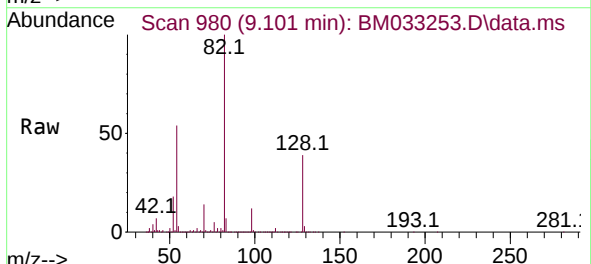
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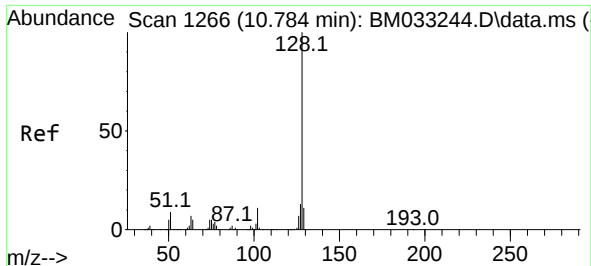


#23
Nitrobenzene-d5
Concen: 98.514 ng
RT: 9.101 min Scan# 980
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

Tgt Ion: 82 Resp: 1070828

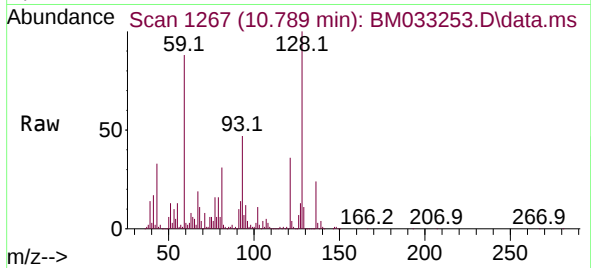
Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.0	43.6
54	53.8	45.8	68.8





#31
Naphthalene
Concen: 76.058 ng
RT: 10.789 min Scan# 1154
Delta R.T. 0.006 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

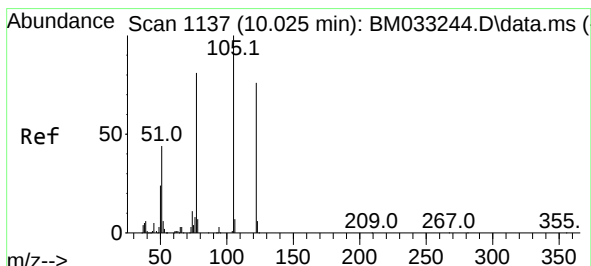
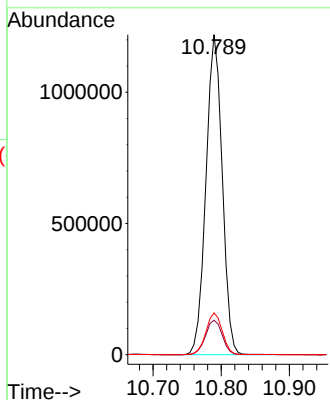
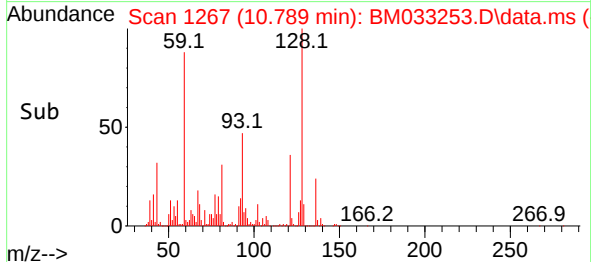
Instrument :
BNA_M
ClientSampleId :
RRT-01



Tgt Ion:128 Resp: 2024550
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.4 15.6

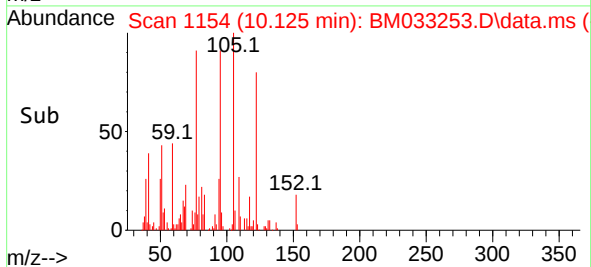
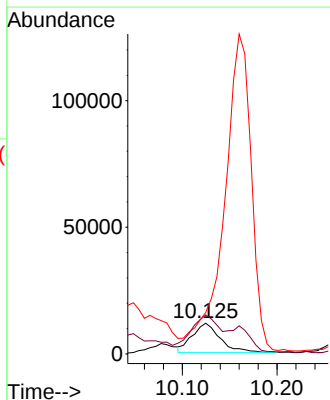
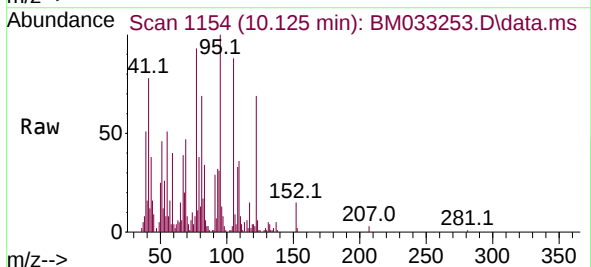
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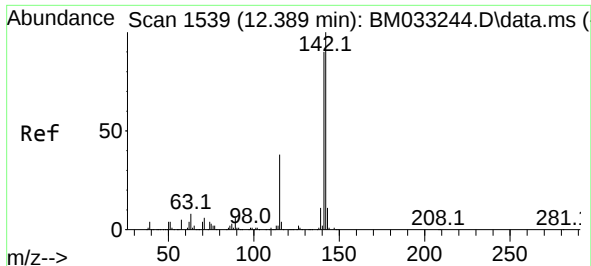
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Supervised By :Sohil Jodhani 11/30/2021



#32
Benzoic acid
Concen: 10.023 ng
RT: 10.125 min Scan# 1154
Delta R.T. 0.100 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

Tgt Ion:122 Resp: 23332
Ion Ratio Lower Upper
122 100
105 127.3 120.3 160.3
77 134.8 100.0 140.0





#37

2-Methylnaphthalene

Concen: 11.871 ng m

RT: 12.389 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM033253.D

Acq: 24 Nov 2021 18:48

Instrument :

BNA_M

ClientSampleId :

RRT-01

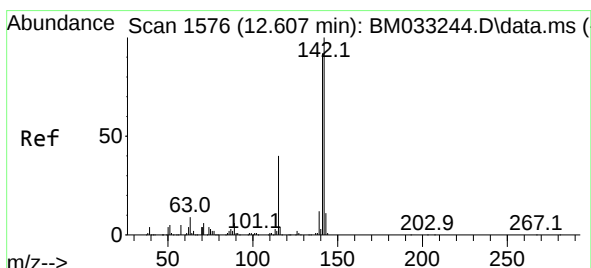
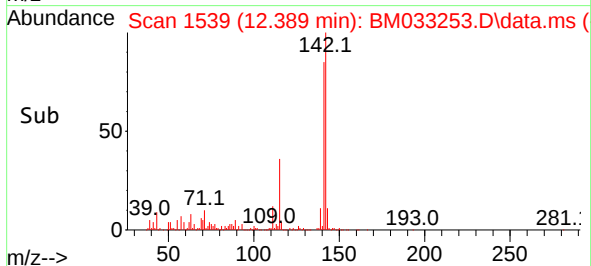
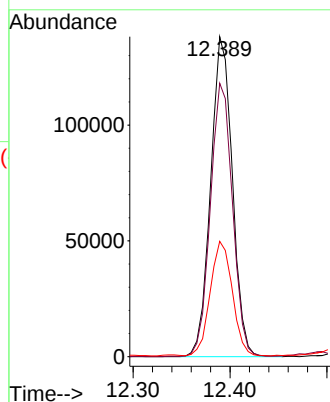
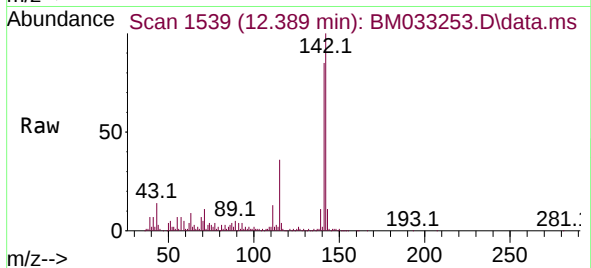
Tgt Ion:142 Resp: 21512

Ion	Ratio	Lower	Upper
142	100		
141	85.5	71.8	107.6
115	36.1	36.3	54.5

Manual Integrations

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Supervised By :Sohil Jodhani 11/30/2021



#38

1-Methylnaphthalene

Concen: 6.862 ng

RT: 12.613 min Scan# 1577

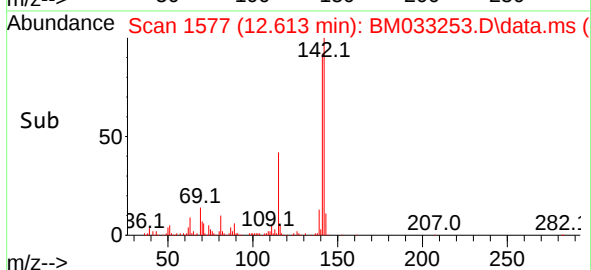
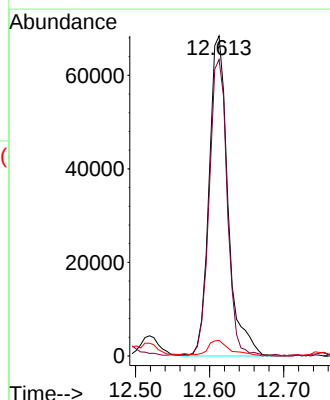
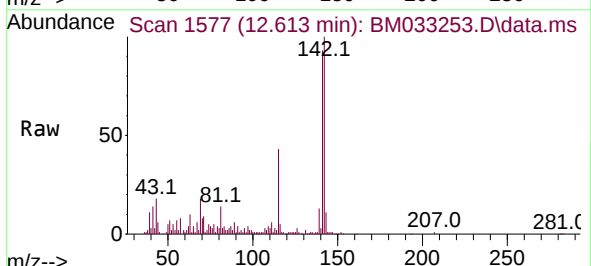
Delta R.T. 0.006 min

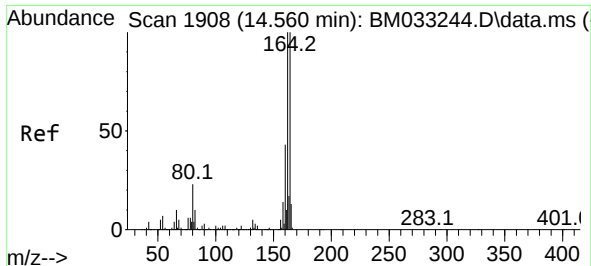
Lab File: BM033253.D

Acq: 24 Nov 2021 18:48

Tgt Ion:142 Resp: 121319

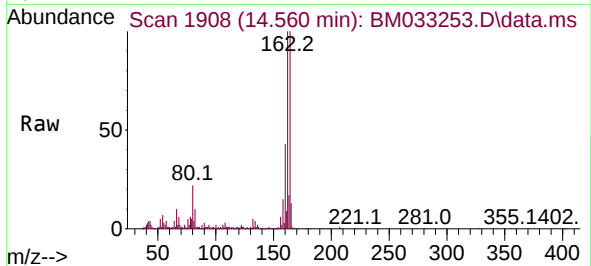
Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.6	113.4
116	4.8	4.0	6.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1908
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

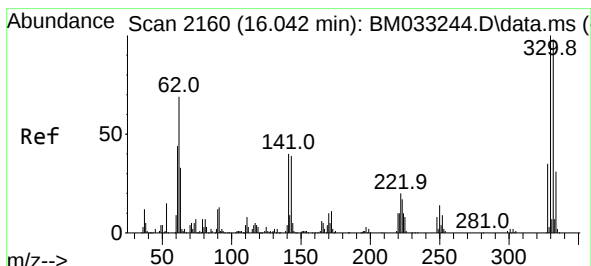
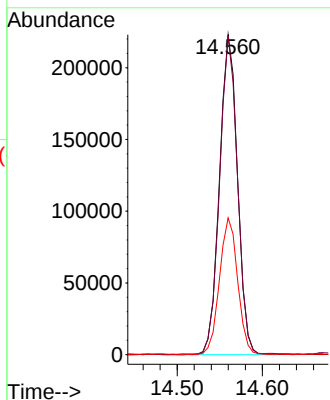
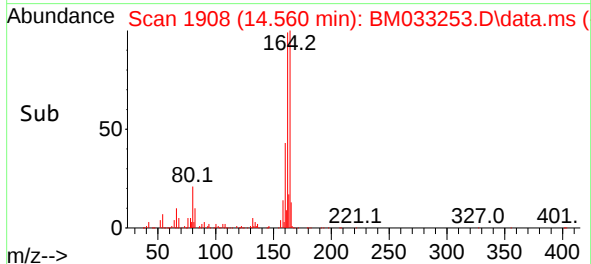
Instrument :
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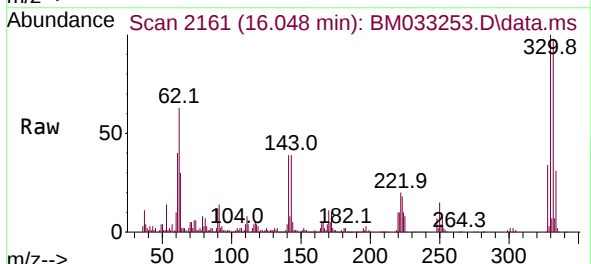
Tgt Ion:164 Resp: 32750
Ion Ratio Lower Upper
164 100
162 99.6 80.6 121.0
160 42.8 35.1 52.7

Manual Integrations
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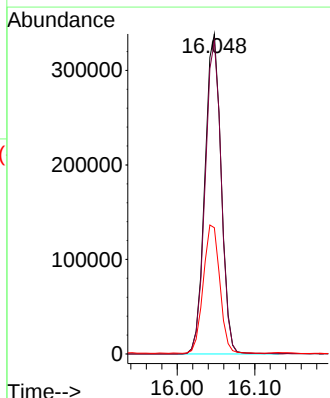
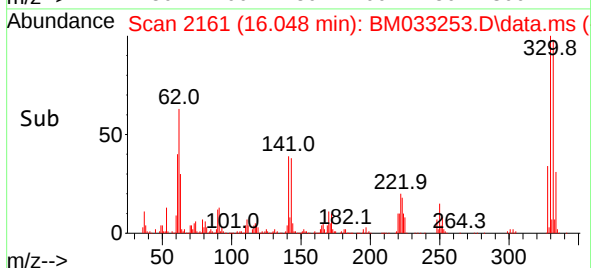
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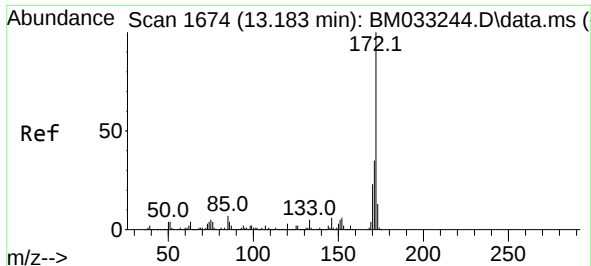


#42
2,4,6-Tribromophenol
Concen: 138.280 ng
RT: 16.048 min Scan# 2161
Delta R.T. 0.006 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48



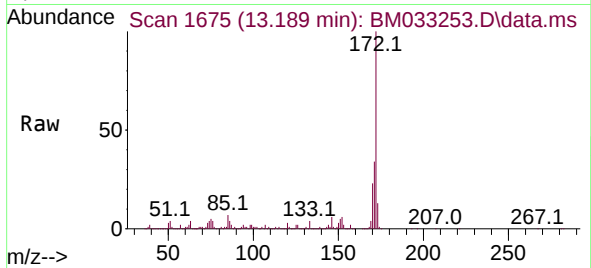
Tgt Ion:330 Resp: 493672
Ion Ratio Lower Upper
330 100
332 96.8 75.7 113.5
141 40.8 50.7 76.1#





#45
2-Fluorobiphenyl
Concen: 90.527 ng
RT: 13.189 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

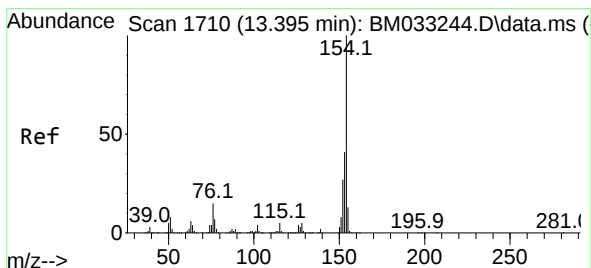
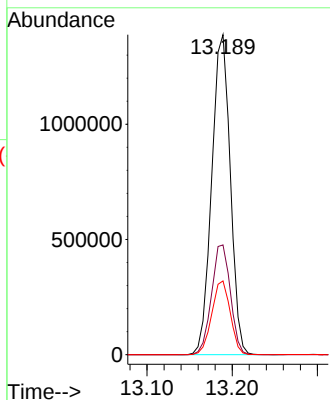
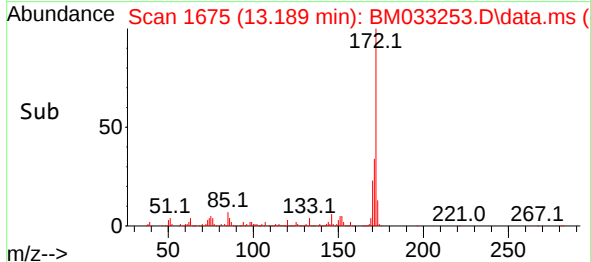
Instrument :
BNA_M
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RRT-01



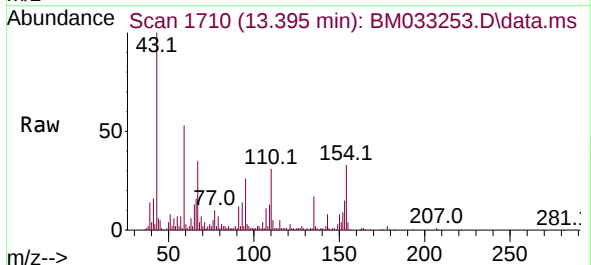
Tgt Ion:172 Resp: 2102220
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.0 18.6 27.8

Manual Integrations
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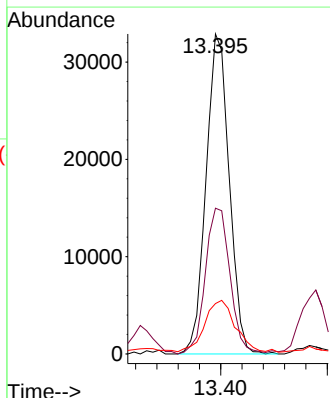
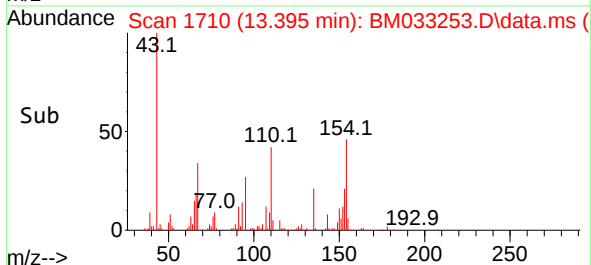
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

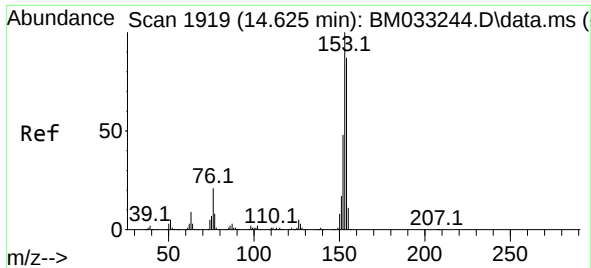


#46
1,1'-Biphenyl
Concen: 2.020 ng
RT: 13.395 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48



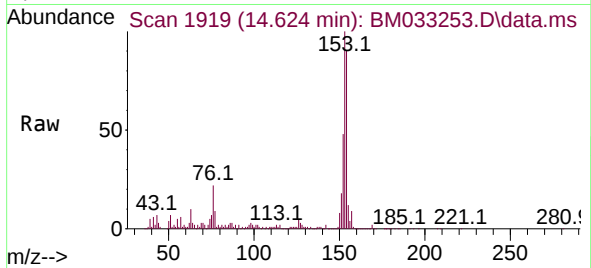
Tgt Ion:154 Resp: 49731
Ion Ratio Lower Upper
154 100
153 45.5 20.3 60.3
76 15.7 0.0 33.5





#52
Acenaphthene
Concen: 11.130 ng
RT: 14.624 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

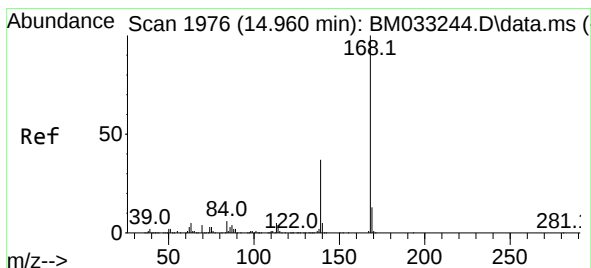
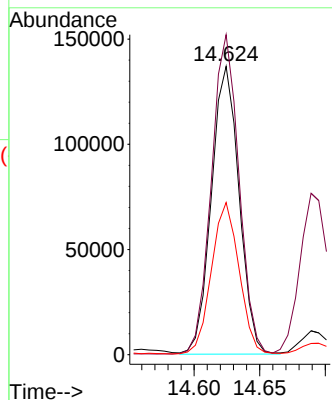
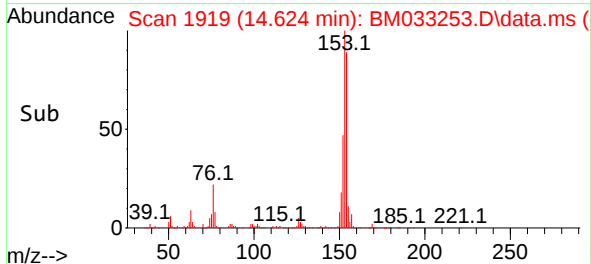
Instrument :
BNA_M
ClientSampleId :
RRT-01



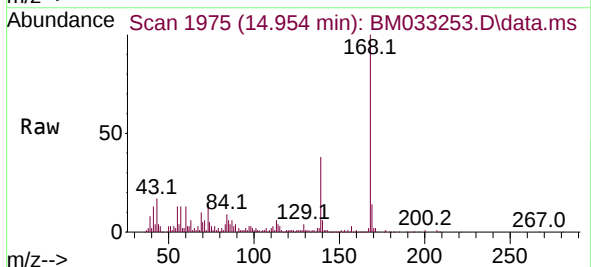
Tgt Ion:154 Resp: 200977
Ion Ratio Lower Upper
154 100
153 111.0 92.4 138.6
152 52.8 43.7 65.5

Manual Integrations
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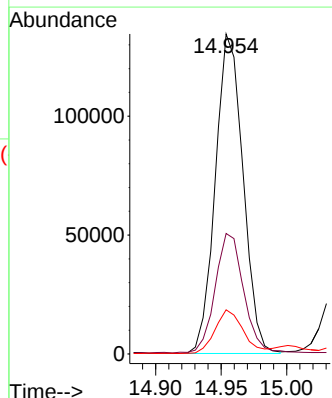
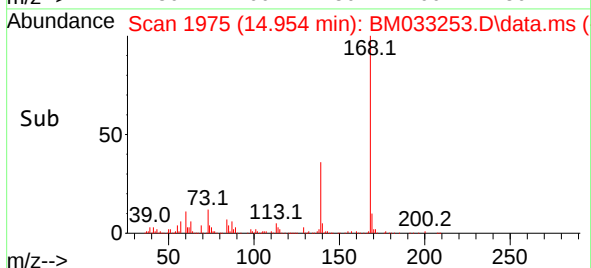
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

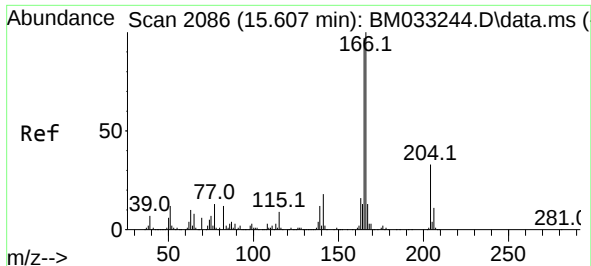


#55
Dibenzofuran
Concen: 6.554 ng
RT: 14.954 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48



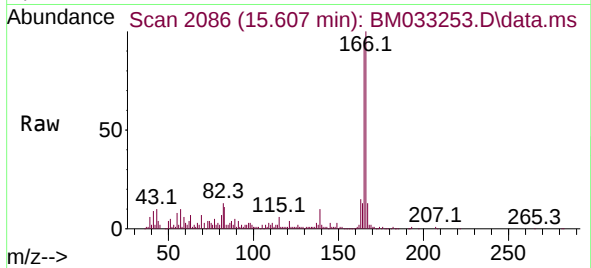
Tgt Ion:168 Resp: 196787
Ion Ratio Lower Upper
168 100
139 37.7 35.0 52.4
169 13.8 10.8 16.2





#58
Fluorene
Concen: 7.191 ng
RT: 15.607 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

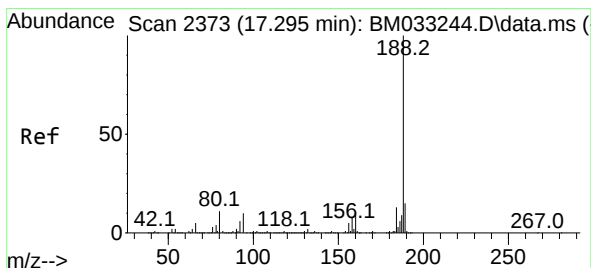
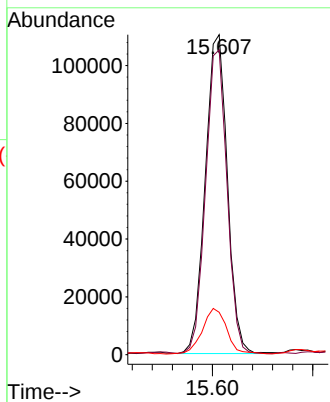
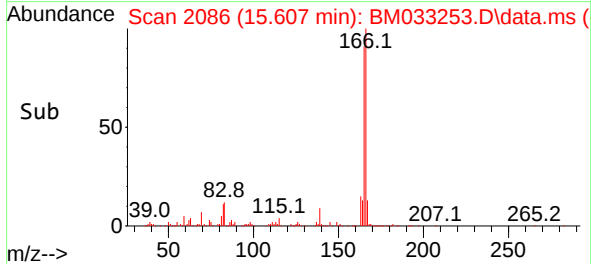
Instrument :
BNA_M
ClientSampleId :
RRT-01



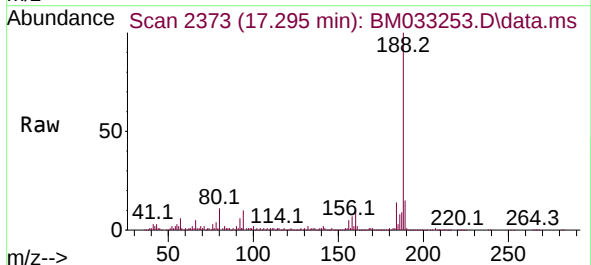
Tgt Ion:166 Resp: 16906
Ion Ratio Lower Upper
166 100
165 95.2 79.3 118.9
167 13.3 10.6 16.0

Manual Integrations
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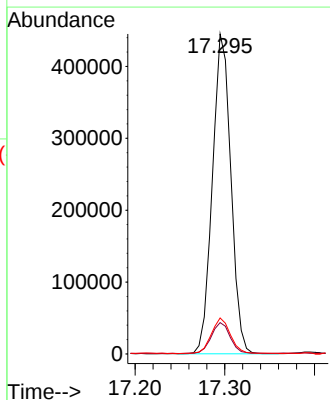
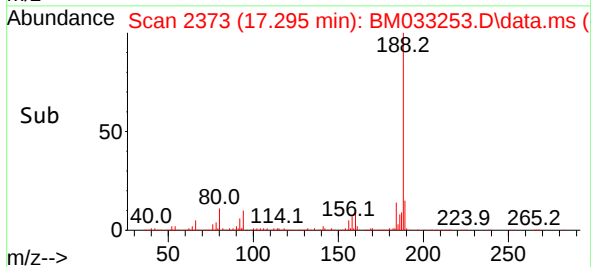
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

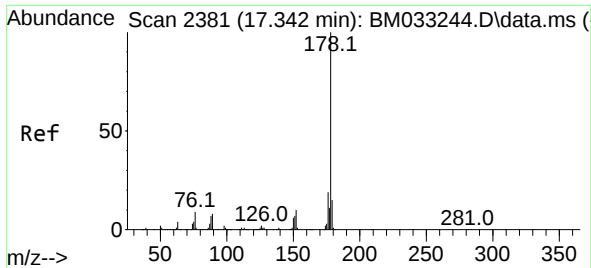


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.295 min Scan# 2373
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48



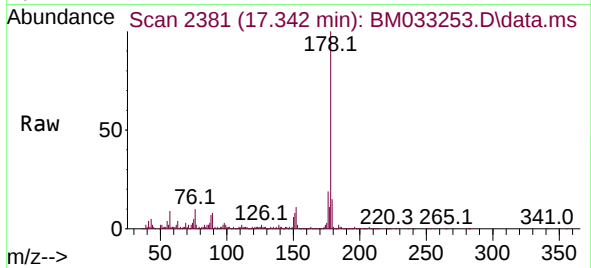
Tgt Ion:188 Resp: 635753
Ion Ratio Lower Upper
188 100
94 9.8 6.3 9.5#
80 11.3 7.3 10.9#





#71
Phenanthrene
Concen: 12.814 ng
RT: 17.342 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

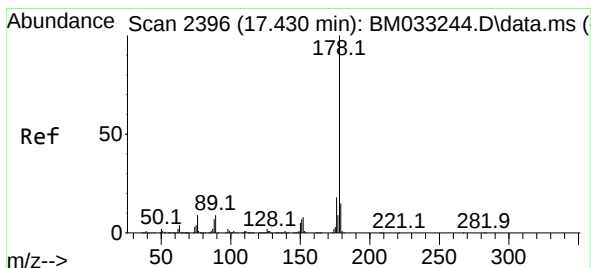
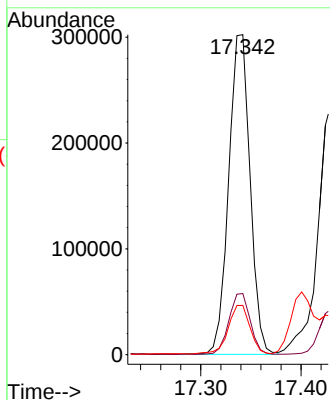
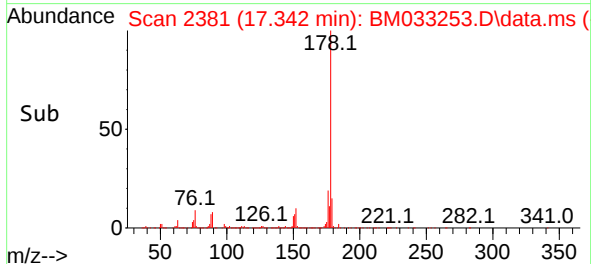
Instrument :
BNA_M
ClientSampleId :
RRT-01



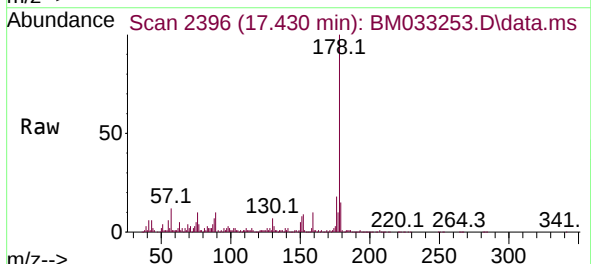
Tgt Ion:178 Resp: 447782
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 15.4 12.4 18.6

Manual Integrations
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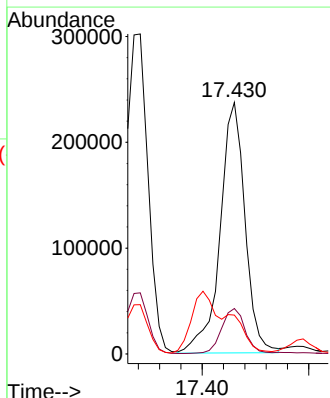
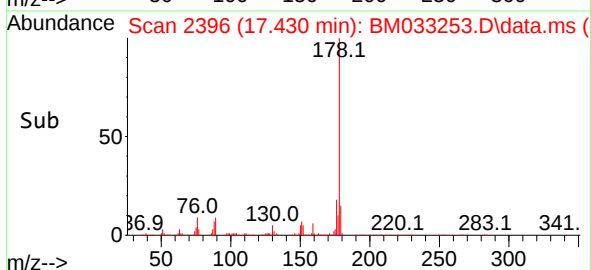
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

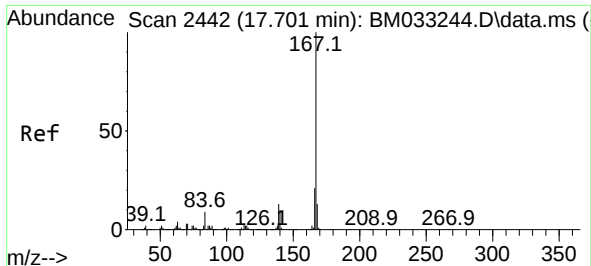


#72
Anthracene
Concen: 11.441 ng
RT: 17.430 min Scan# 2396
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48



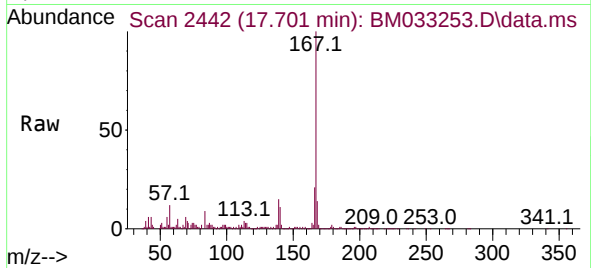
Tgt Ion:178 Resp: 385694
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 15.5 12.3 18.5





#73
 Carbazole
 Concen: 10.728 ng
 RT: 17.701 min Scan# 2442
 Delta R.T. -0.000 min
 Lab File: BM033253.D
 Acq: 24 Nov 2021 18:48

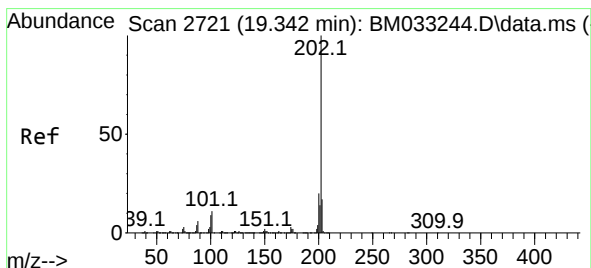
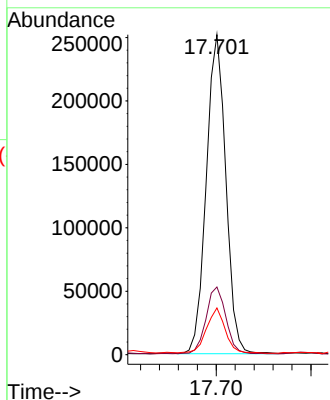
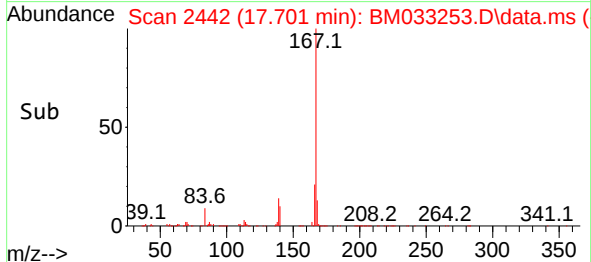
Instrument :
 BNA_M
 ClientSampleId :
 RRT-01



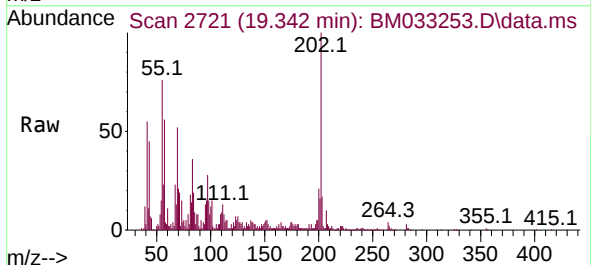
Tgt Ion:167 Resp: 359810
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.4 26.0
 139 14.6 11.9 17.9

Manual Integrations
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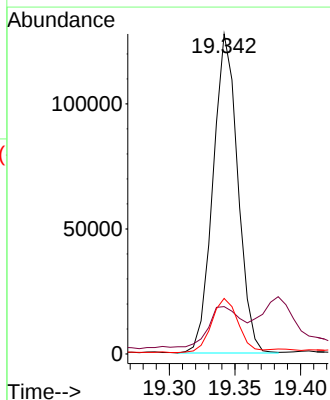
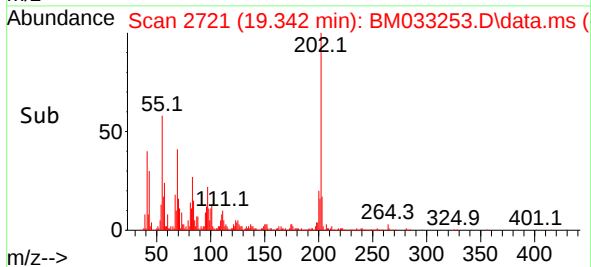
Reviewed By :Jagrut Upadhyay 11/30/2021
 Supervised By :Sohil Jodhani 11/30/2021

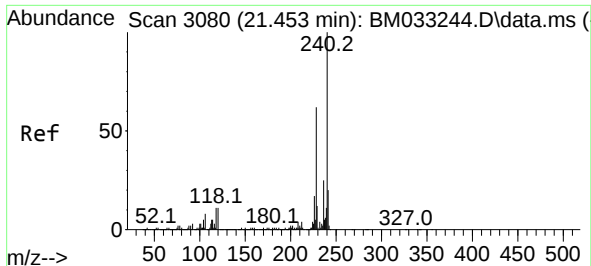


#75
 Fluoranthene
 Concen: 4.171 ng
 RT: 19.342 min Scan# 2721
 Delta R.T. -0.000 min
 Lab File: BM033253.D
 Acq: 24 Nov 2021 18:48



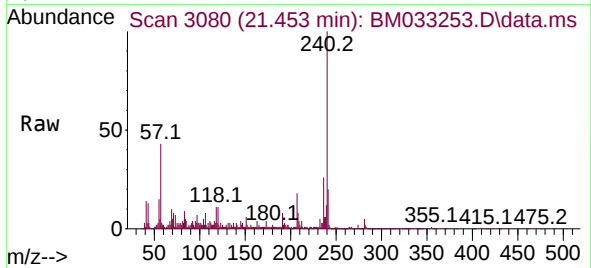
Tgt Ion:202 Resp: 167490
 Ion Ratio Lower Upper
 202 100
 101 14.8 0.0 29.9
 203 17.3 0.0 36.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.453 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

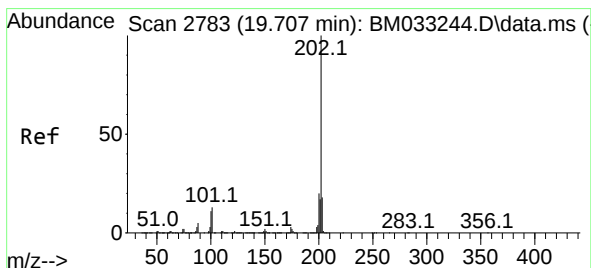
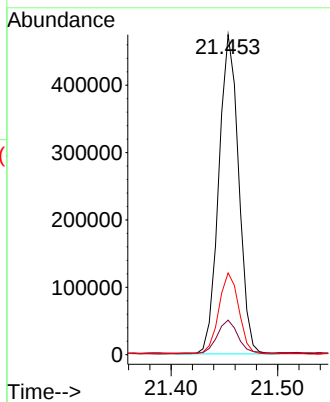
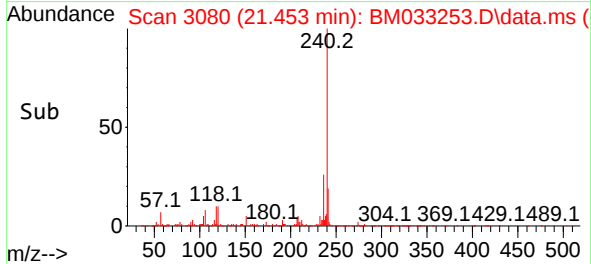
Instrument :
BNA_M
ClientSampleId :
RRT-01



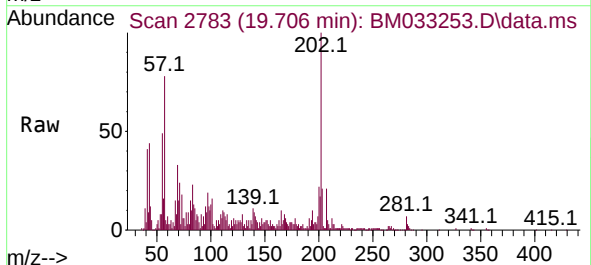
Tgt Ion:240 Resp: 614718
Ion Ratio Lower Upper
240 100
120 10.8 7.8 11.6
236 25.5 20.9 31.3

Manual Integrations
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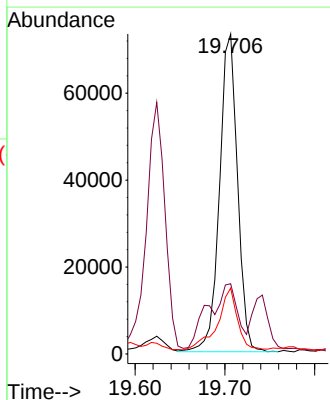
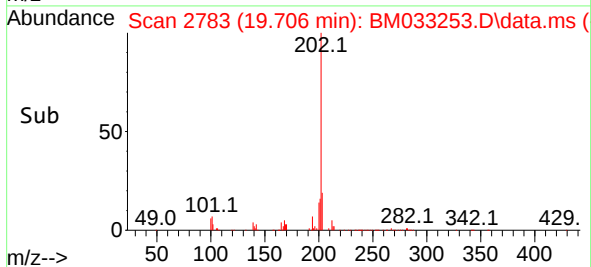
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

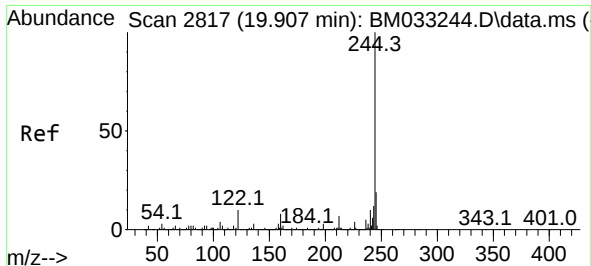


#78
Pyrene
Concen: 2.519 ng
RT: 19.706 min Scan# 2783
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48



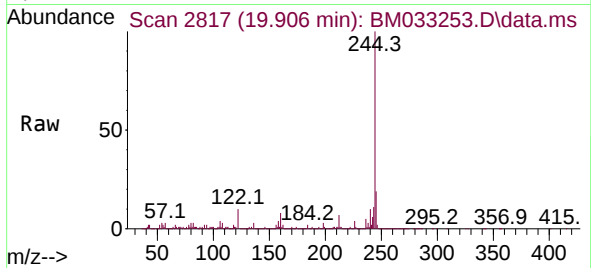
Tgt Ion:202 Resp: 101925
Ion Ratio Lower Upper
202 100
200 22.0 16.6 25.0
203 20.6 13.7 20.5#





#79
Terphenyl-d14
Concen: 87.199 ng
RT: 19.906 min Scan# 2817
Delta R.T. -0.000 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

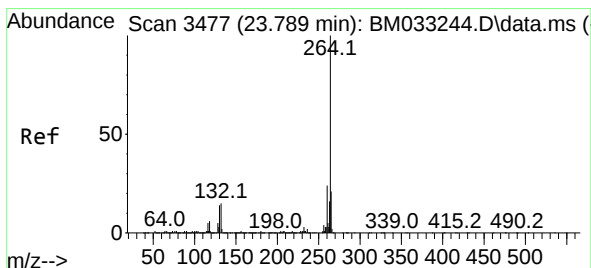
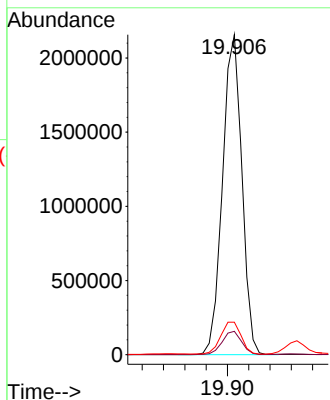
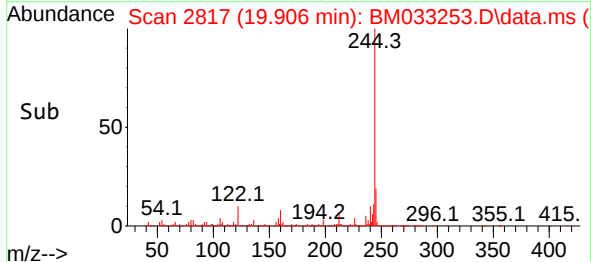
Instrument :
BNA_M
ClientSampleId :
RRT-01



Tgt Ion:244 Resp: 2710800
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 10.1 8.7 13.1

Manual Integrations
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Supervised By :Sohil Jodhani 11/30/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.794 min Scan# 3478
Delta R.T. 0.006 min
Lab File: BM033253.D
Acq: 24 Nov 2021 18:48

Tgt Ion:264 Resp: 639469
Ion Ratio Lower Upper
264 100
260 22.6 19.3 28.9
265 22.5 18.3 27.5

