

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
 Data File : BM033275.D
 Acq On : 26 Nov 2021 21:16
 Operator : CG/JU
 Sample : M4809-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 75-78

Manual Integrations
 APPROVED

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

Quant Time: Nov 27 00:27:04 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	7.937	152	165944	20.000	ng	0.00
21) Naphthalene-d8	10.730	136	625235	20.000	ng	# 0.00
39) Acenaphthene-d10	14.577	164	312690	20.000	ng	# 0.02
64) Phenanthrene-d10	17.377	188	263798m	20.000	ng	0.08
76) Chrysene-d12	21.494	240	491895	20.000	ng	# 0.04
86) Perylene-d12	23.794	264	550935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	1029780	102.478	ng	0.01
7) Phenol-d6	7.101	99	1420077	105.517	ng	0.00
23) Nitrobenzene-d5	9.095	82	1208563	89.735	ng	0.00
42) 2,4,6-Tribromophenol	16.077	330	218400	64.073	ng	0.04
45) 2-Fluorobiphenyl	13.183	172	2270018	102.383	ng	0.00
79) Terphenyl-d14	19.995	244	1335292	53.678	ng	0.09
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.942	122	26203m	3.170	ng	
31) Naphthalene	10.783	128	83086	2.519	ng	# 91
37) 2-Methylnaphthalene	12.389	142	261300	11.637	ng	97
38) 1-Methylnaphthalene	12.607	142	118945	5.430	ng	# 92
46) 1,1'-Biphenyl	13.395	154	243634	10.363	ng	73
55) Dibenzofuran	14.971	168	112288m	3.917	ng	
58) Fluorene	15.665	166	221013m	9.846	ng	
84) Bis(2-ethylhexyl)phtha...	21.371	149	257486	15.097	ng	# 79

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

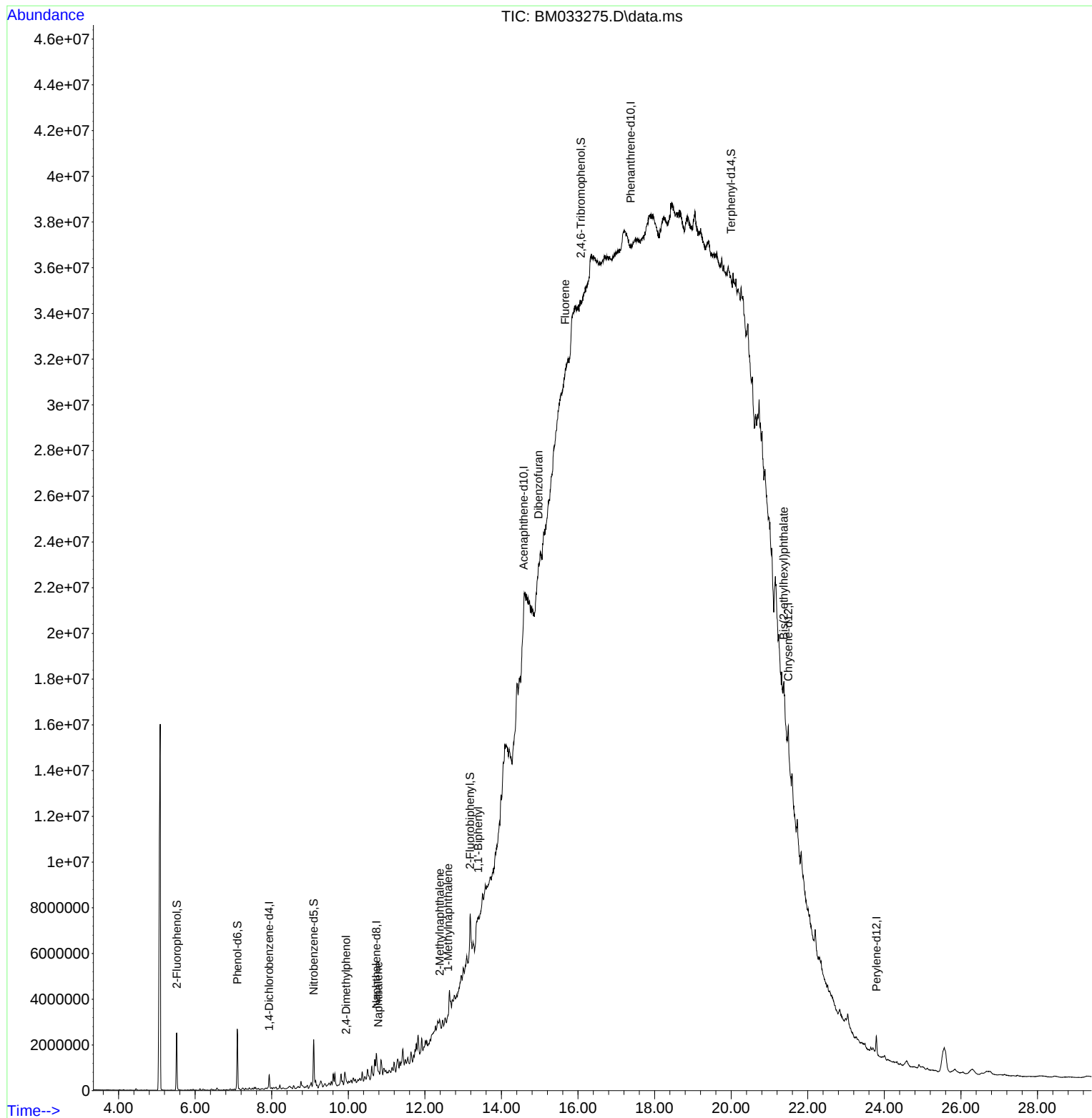
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112621\
Data File : BM033275.D
Acq On : 26 Nov 2021 21:16
Operator : CG/JU
Sample : M4809-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

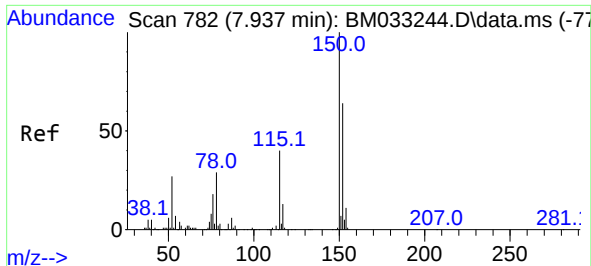
Instrument :
BNA_M
ClientSampleId :
75-78

Quant Time: Nov 27 00:27:04 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

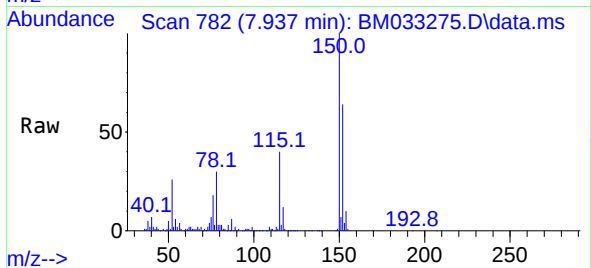
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 77
Delta R.T. -0.000 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16

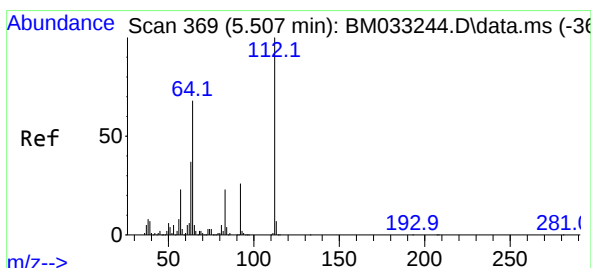
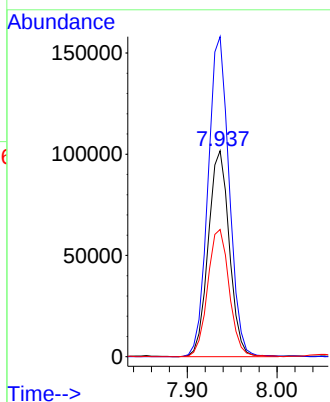
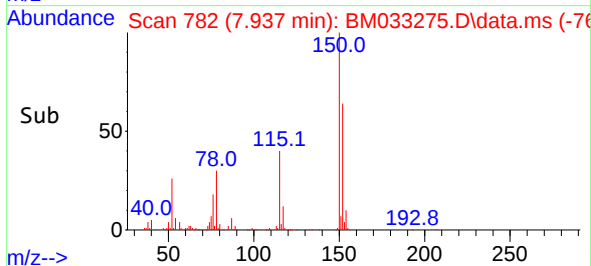
Instrument :
BNA_M
ClientSampleId :
75-78



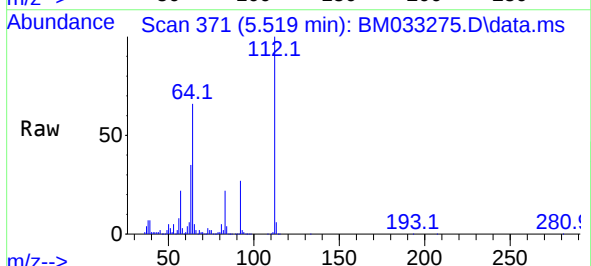
Tgt Ion:152 Resp: 165944
Ion Ratio Lower Upper
152 100
150 155.4 122.4 183.6
115 61.8 53.8 80.8

Manual Integrations
APPROVED

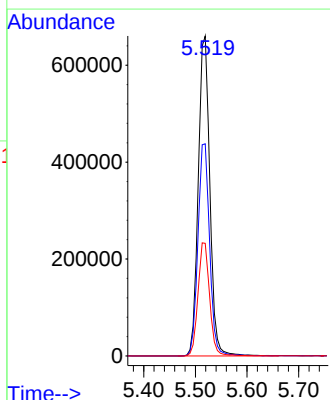
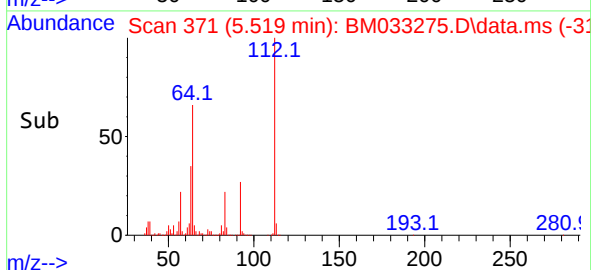
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

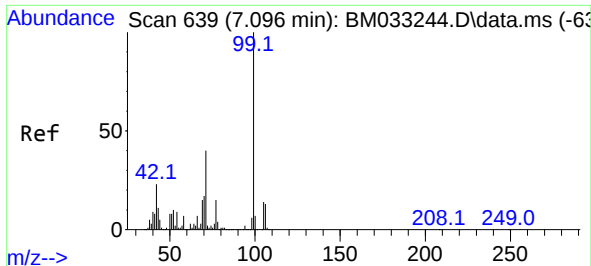


#5
2-Fluorophenol
Concen: 102.478 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.012 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16



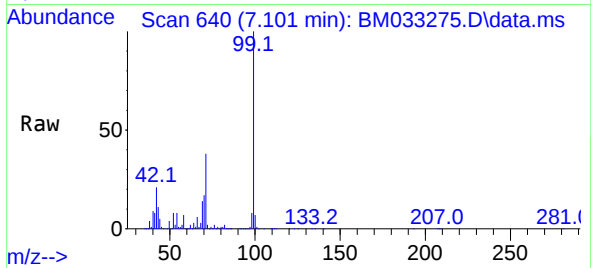
Tgt Ion:112 Resp: 1029780
Ion Ratio Lower Upper
112 100
64 66.3 53.7 80.5
63 35.2 33.9 50.9





#7
Phenol-d6
Concen: 105.517 ng
RT: 7.101 min Scan# 640
Delta R.T. 0.006 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16

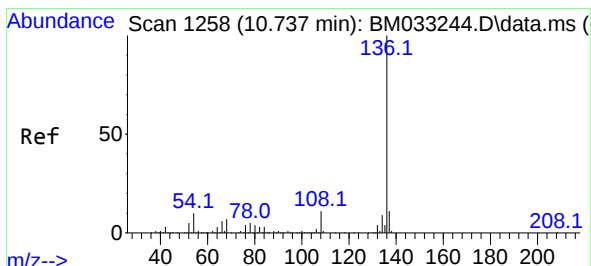
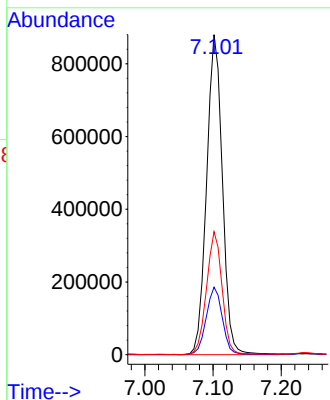
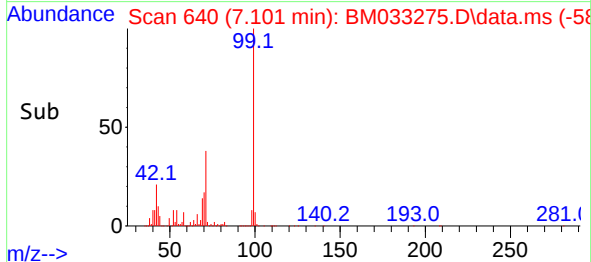
Instrument :
BNA_M
ClientSampleId :
75-78



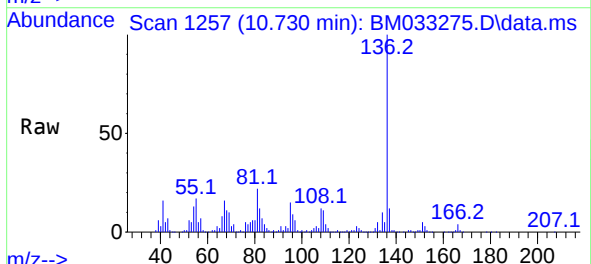
Tgt Ion: 99 Resp: 142007
Ion Ratio Lower Upper
99 100
42 21.1 23.0 34.6
71 38.5 37.8 56.8

Manual Integrations
APPROVED

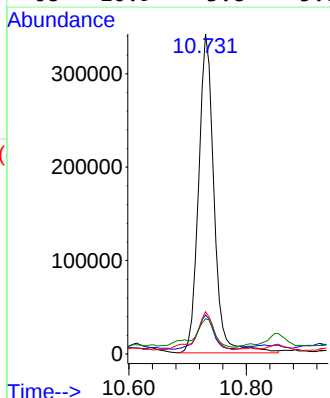
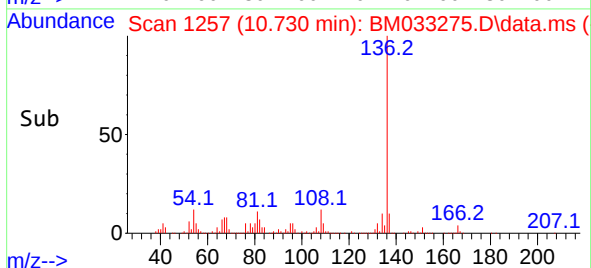
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

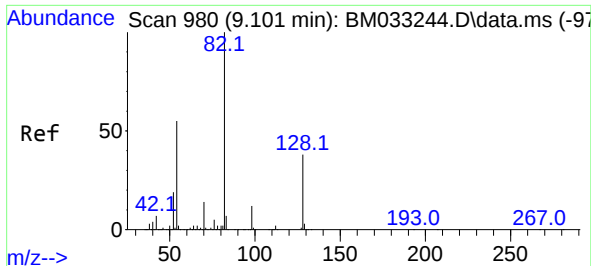


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.730 min Scan# 1257
Delta R.T. -0.007 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16



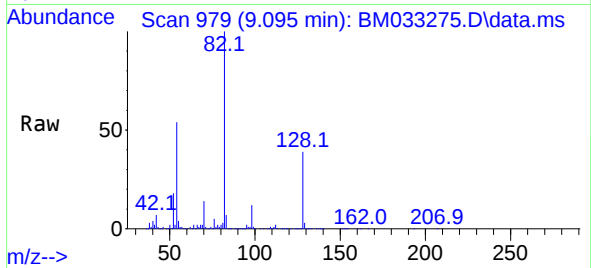
Tgt Ion:136 Resp: 625235
Ion Ratio Lower Upper
136 100
137 12.2 8.7 13.1
54 13.2 7.4 11.0#
68 10.9 3.8 5.8#





#23
Nitrobenzene-d5
Concen: 89.735 ng
RT: 9.095 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16

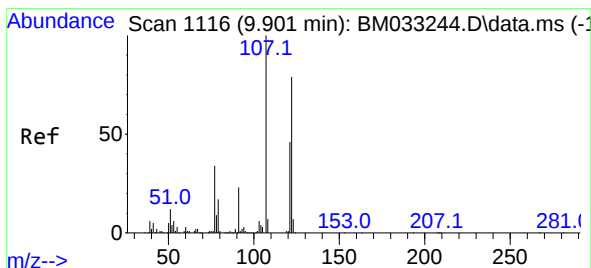
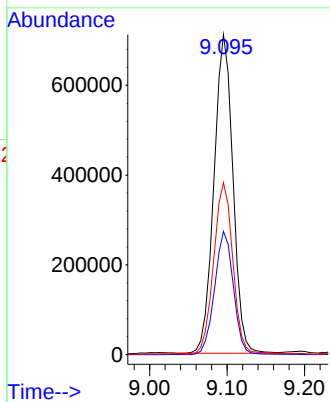
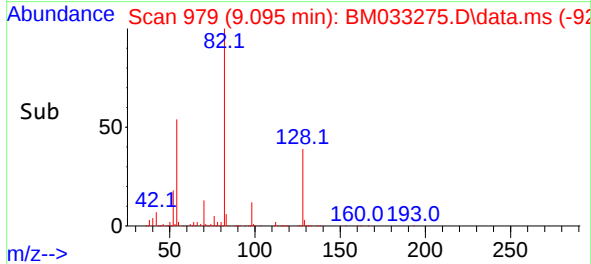
Instrument :
BNA_M
ClientSampleId :
75-78



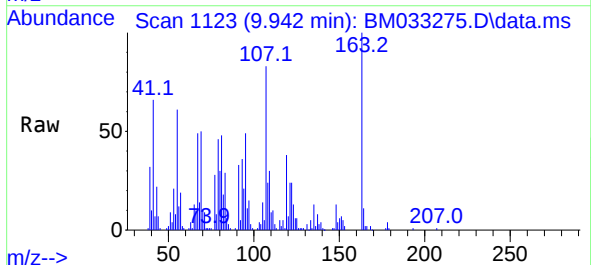
Tgt Ion: 82 Resp: 120856
Ion Ratio Lower Upper
82 100
128 38.6 29.0 43.6
54 53.7 45.8 68.8

Manual Integrations
APPROVED

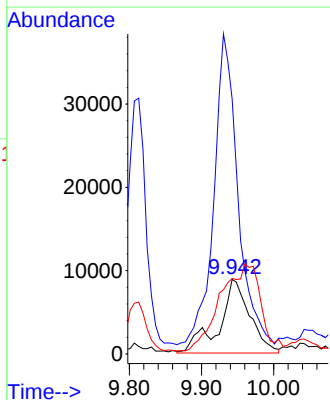
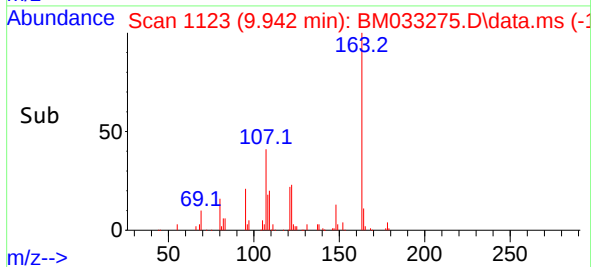
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

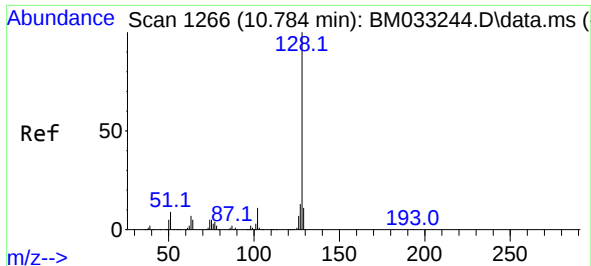


#27
2,4-Dimethylphenol
Concen: 3.170 ng m
RT: 9.942 min Scan# 1123
Delta R.T. 0.041 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16



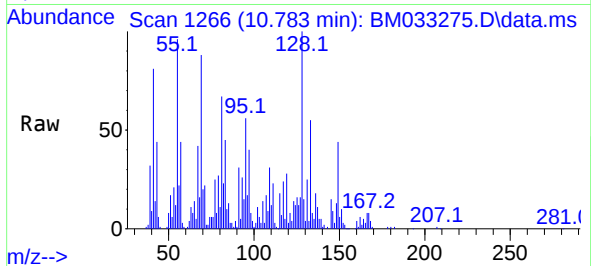
Tgt Ion:122 Resp: 26203
Ion Ratio Lower Upper
122 100
107 342.3 100.6 150.8#
121 101.2 47.3 70.9#





#31
Naphthalene
Concen: 2.519 ng
RT: 10.783 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16

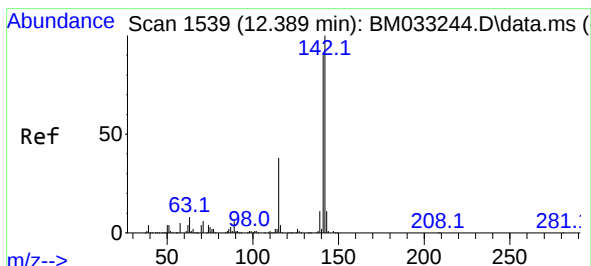
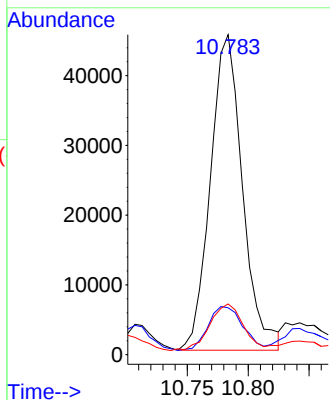
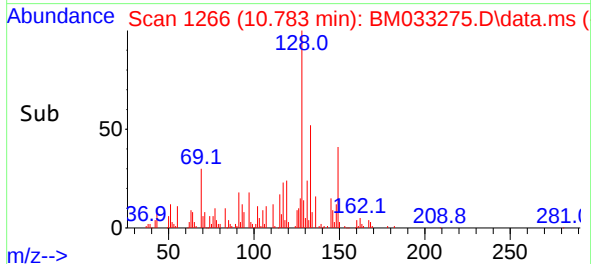
Instrument :
BNA_M
ClientSampleId :
75-78



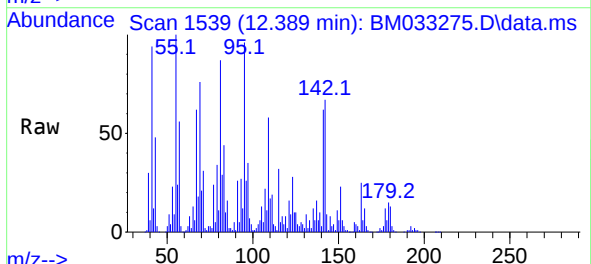
Tgt Ion:128 Resp: 83080
Ion Ratio Lower Upper
128 100
129 14.7 8.6 13.0
127 15.9 10.4 15.6

Manual Integrations
APPROVED

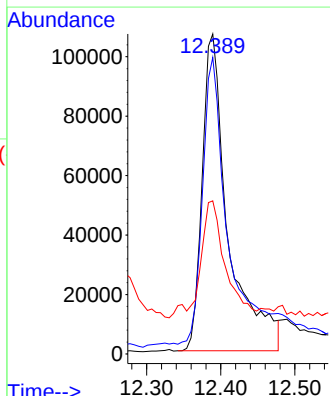
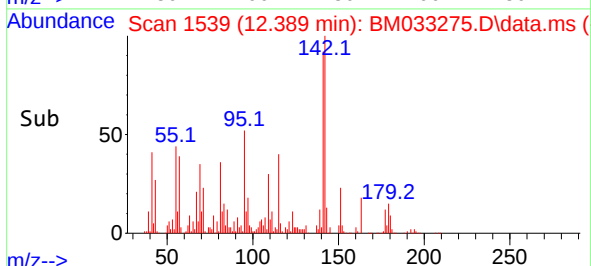
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

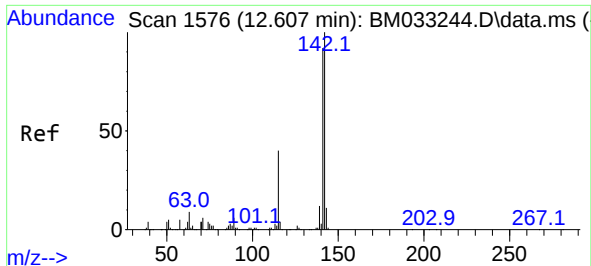


#37
2-Methylnaphthalene
Concen: 11.637 ng
RT: 12.389 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16



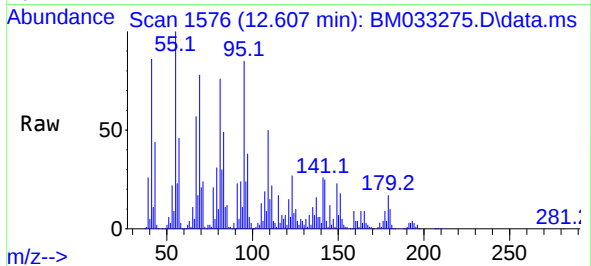
Tgt Ion:142 Resp: 261300
Ion Ratio Lower Upper
142 100
141 92.7 71.8 107.6
115 47.9 36.3 54.5





#38
1-Methylnaphthalene
Concen: 5.430 ng
RT: 12.607 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16

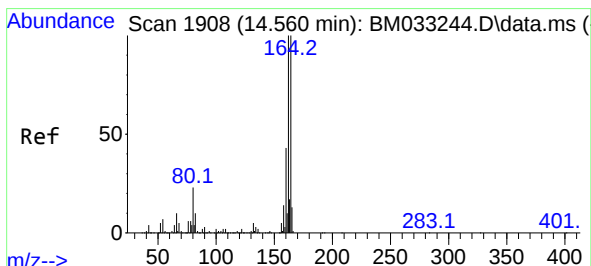
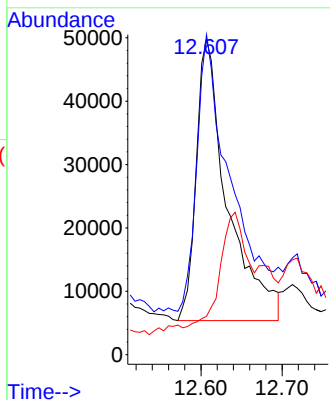
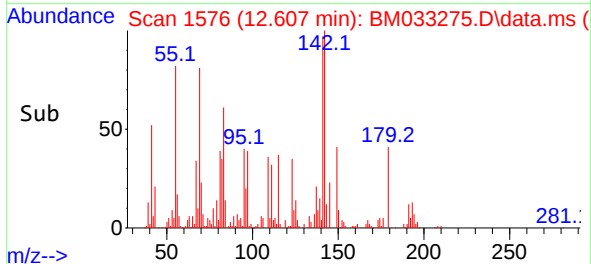
Instrument :
BNA_M
ClientSampleId :
75-78



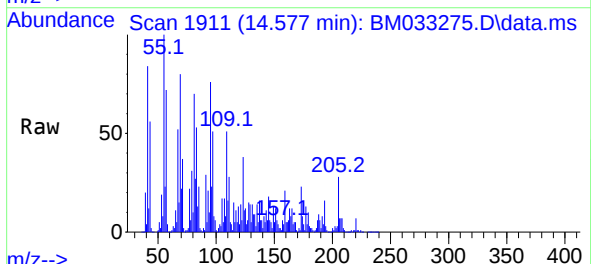
Tgt Ion:142 Resp: 11894
Ion Ratio Lower Upper
142 100
141 101.4 75.6 113.4
116 12.2 4.0 6.0

Manual Integrations
APPROVED

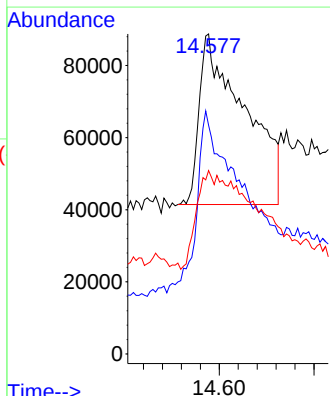
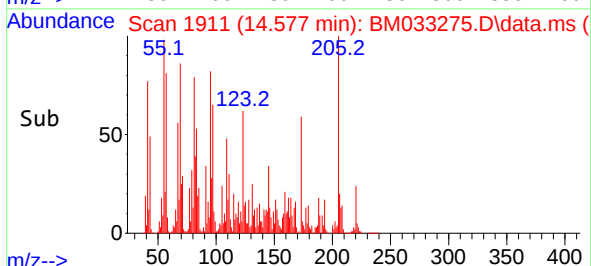
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

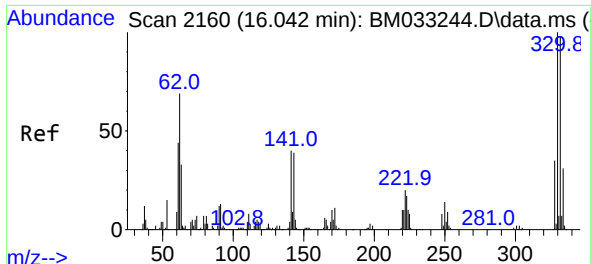


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.577 min Scan# 1911
Delta R.T. 0.017 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16



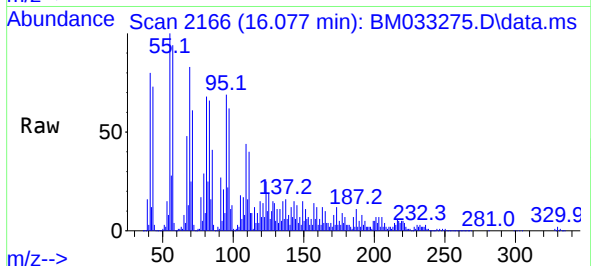
Tgt Ion:164 Resp: 312690
Ion Ratio Lower Upper
164 100
162 71.5 80.6 121.0#
160 57.3 35.1 52.7#





#42
2,4,6-Tribromophenol
Concen: 64.073 ng
RT: 16.077 min Scan# 2160
Delta R.T. 0.035 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16

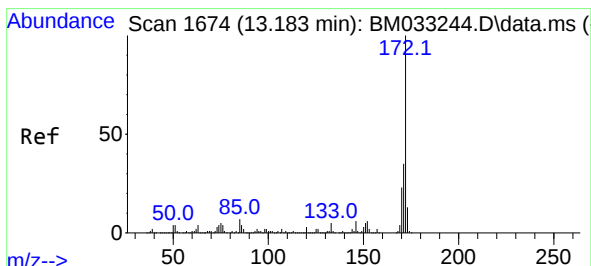
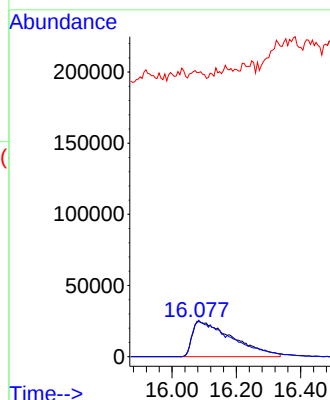
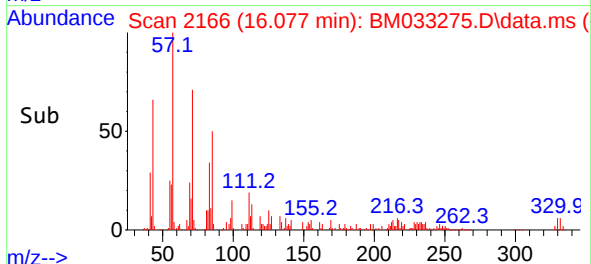
Instrument :
BNA_M
ClientSampleId :
75-78



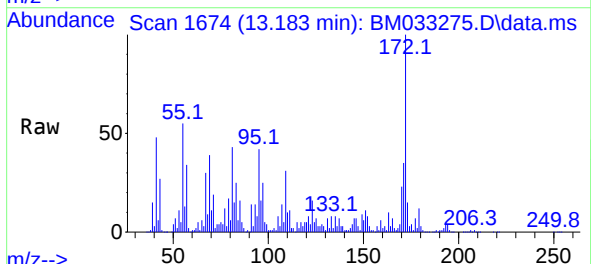
Tgt Ion:330 Resp: 218400
Ion Ratio Lower Upper
330 100
332 96.3 75.7 113.5
141 0.0 50.7 76.1

Manual Integrations
APPROVED

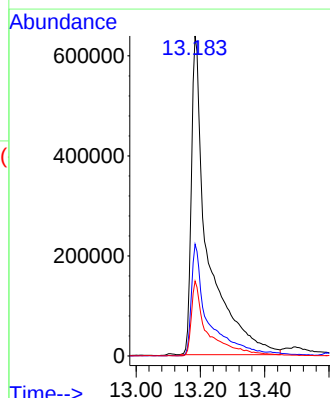
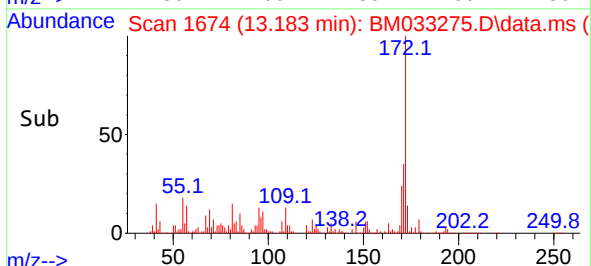
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

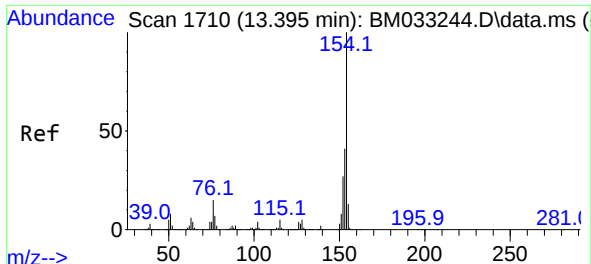


#45
2-Fluorobiphenyl
Concen: 102.383 ng
RT: 13.183 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16



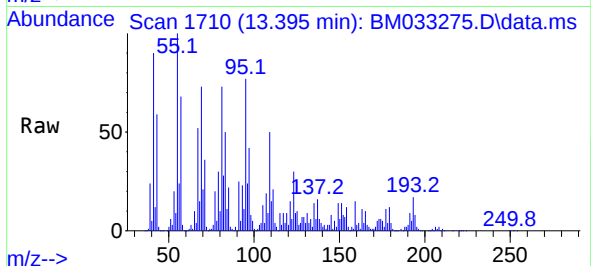
Tgt Ion:172 Resp: 2270018
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 18.6 27.8





#46
1,1'-Biphenyl
Concen: 10.363 ng
RT: 13.395 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16

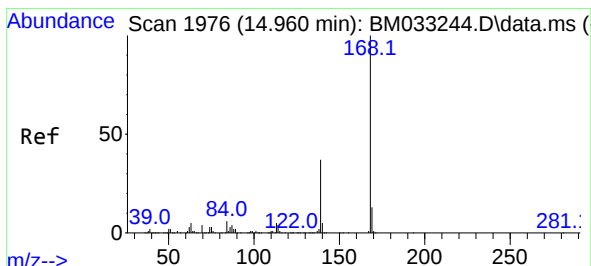
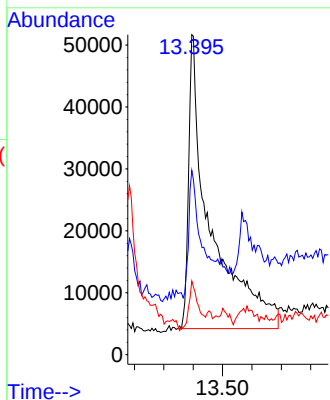
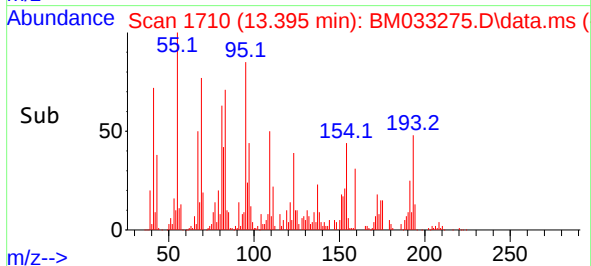
Instrument :
BNA_M
ClientSampleId :
75-78



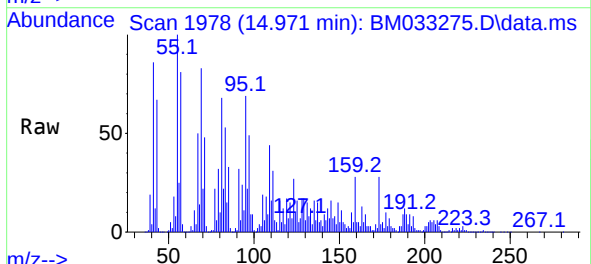
Tgt Ion:154 Resp: 243634
Ion Ratio Lower Upper
154 100
153 57.6 20.3 60.3
76 23.0 0.0 33.5

Manual Integrations
APPROVED

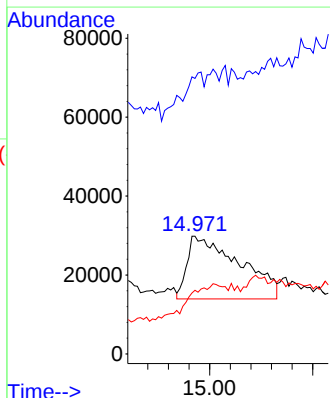
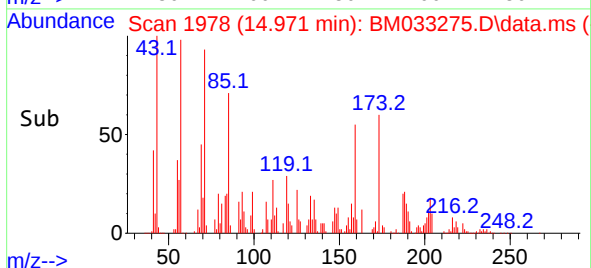
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

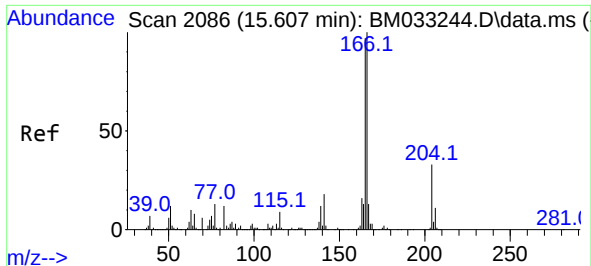


#55
Dibenzofuran
Concen: 3.917 ng m
RT: 14.971 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16



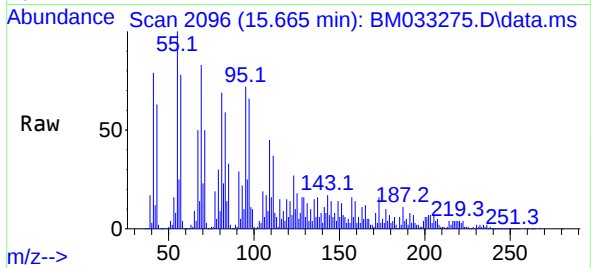
Tgt Ion:168 Resp: 112288
Ion Ratio Lower Upper
168 100
139 233.9 35.0 52.4#
169 54.1 10.8 16.2#





#58
Fluorene
Concen: 9.846 ng m
RT: 15.665 min Scan# 2086
Delta R.T. 0.059 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16

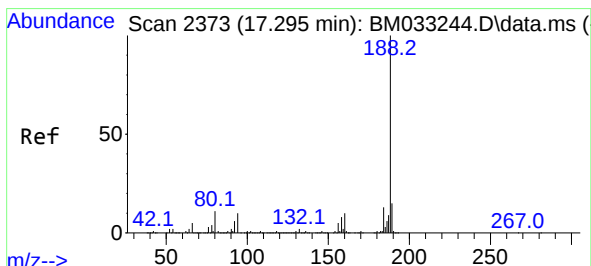
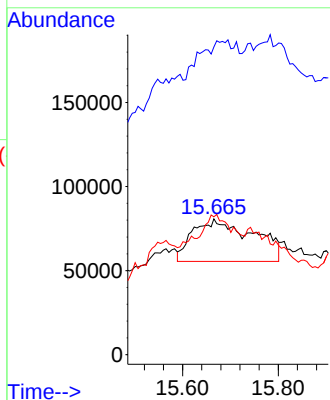
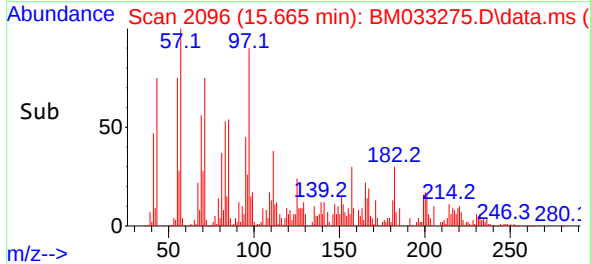
Instrument :
BNA_M
ClientSampleId :
75-78



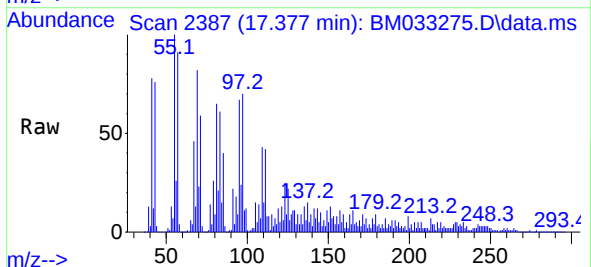
Tgt Ion:166 Resp: 22101
Ion Ratio Lower Upper
166 100
165 226.5 79.3 118.9#
167 101.6 10.6 16.0#

Manual Integrations
APPROVED

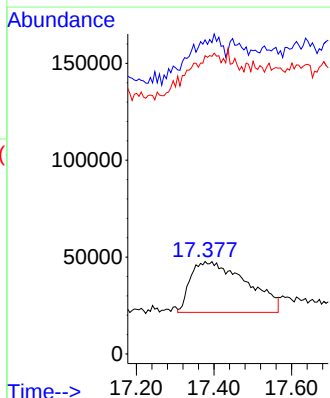
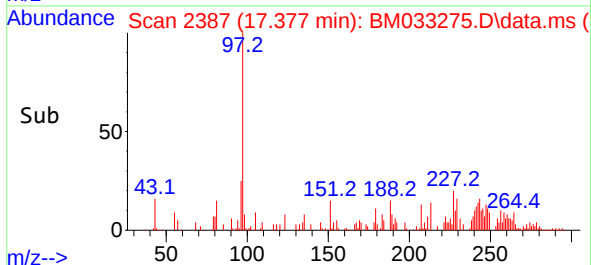
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

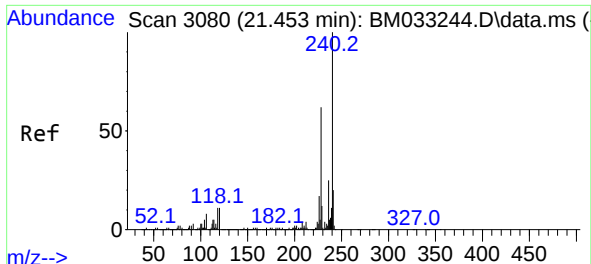


#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 17.377 min Scan# 2387
Delta R.T. 0.082 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16



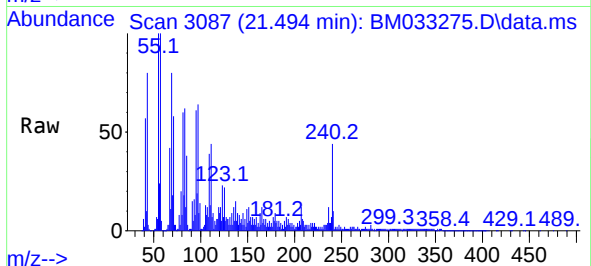
Tgt Ion:188 Resp: 263798
Ion Ratio Lower Upper
188 100
94 339.3 6.3 9.5#
80 322.1 7.3 10.9#





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.494 min Scan# 3087
Delta R.T. 0.041 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16

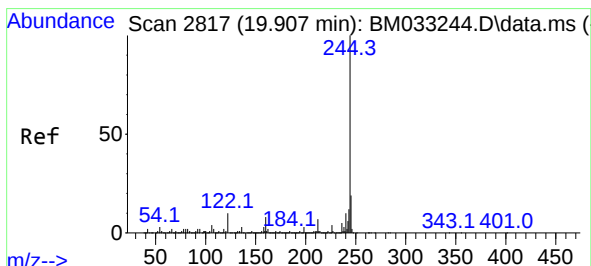
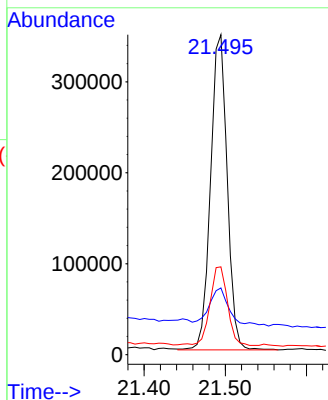
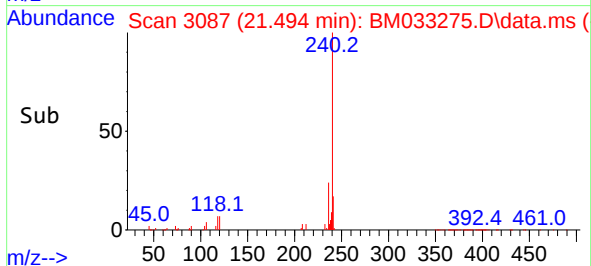
Instrument :
BNA_M
ClientSampleId :
75-78



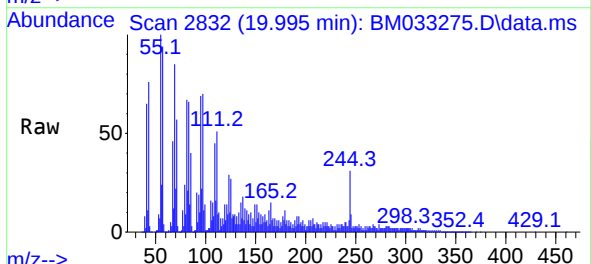
Tgt Ion:240 Resp: 491895
Ion Ratio Lower Upper
240 100
120 20.9 7.8 11.6
236 27.5 20.9 31.3

Manual Integrations
APPROVED

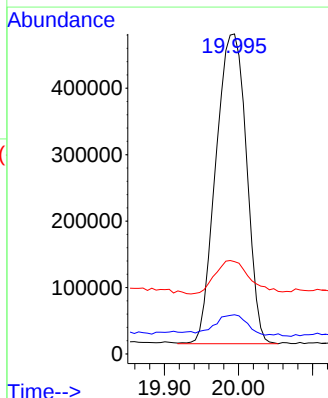
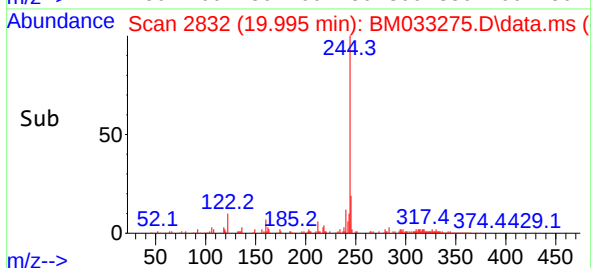
Reviewed By :Jagrut Upadhyay 11/30/2021
Supervised By :Sohil Jodhani 11/30/2021

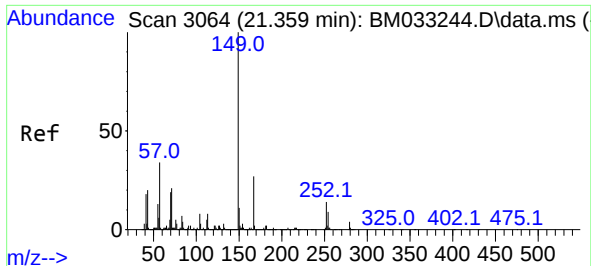


#79
Terphenyl-d14
Concen: 53.678 ng
RT: 19.995 min Scan# 2832
Delta R.T. 0.088 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16



Tgt Ion:244 Resp: 1335292
Ion Ratio Lower Upper
244 100
212 12.3 6.5 9.7#
122 28.8 8.7 13.1#





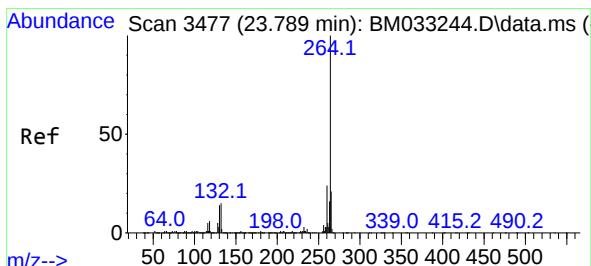
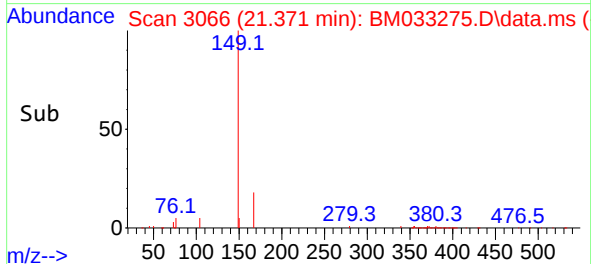
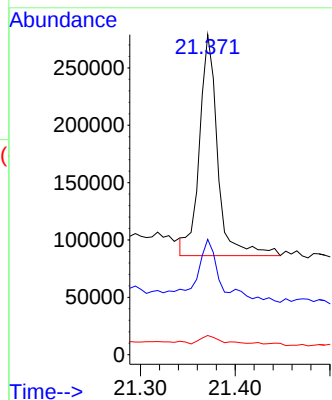
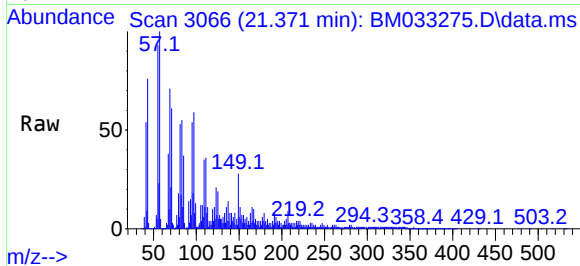
#84
Bis(2-ethylhexyl)phthalate
Concen: 15.097 ng
RT: 21.371 min Scan# 3066
Delta R.T. 0.012 min
Lab File: BM033275.D
Acq: 26 Nov 2021 21:16

Instrument :
BNA_M
ClientSampleId :
75-78

Tgt Ion:149 Resp: 257480
Ion Ratio Lower Upper
149 100
167 36.0 19.7 29.5
279 6.0 2.6 4.0

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 11/30/2021
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: BM033275.D
Acq: 26 Nov 2021 21:16

Tgt Ion:264 Resp: 550935
Ion Ratio Lower Upper
264 100
260 24.6 19.3 28.9
265 23.0 18.3 27.5

