

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
 Data File : BM036128.D
 Acq On : 05 Aug 2022 20:36
 Operator : CG/JU
 Sample : N4056-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TOTE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/08/2022
 Supervised By : Jagrut Upadhyay 08/08/2022

Quant Time: Aug 06 01:13:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 03:36:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	270779	20.000	ng	# 0.00
21) Naphthalene-d8	10.669	136	549546	20.000	ng	0.00
39) Acenaphthene-d10	14.510	164	587124	20.000	ng	0.01
64) Phenanthrene-d10	17.251	188	1108120	20.000	ng	# 0.01
76) Chrysene-d12	21.433	240	956664	20.000	ng	0.01
86) Perylene-d12	23.815	264	1074783	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	612343m	36.663	ng	0.05
7) Phenol-d6	7.234	99	611415	28.770	ng	0.20
23) Nitrobenzene-d5	9.033	82	756350	77.042	ng	0.00
42) 2,4,6-Tribromophenol	16.009	330	346360	50.286	ng	0.02
45) 2-Fluorobiphenyl	13.133	172	1446279	36.370	ng	0.00
79) Terphenyl-d14	19.868	244	1887151	38.909	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.004	77	410078	36.449	ng	91
10) Phenol	7.269	94	524478	24.510	ng	92
20) 3+4-Methylphenols	8.704	107	5757152	299.157	ng	91
37) 2-Methylnaphthalene	12.339	142	71623	3.939	ng	# 77
74) Di-n-butylphthalate	18.215	149	222712	3.369	ng	# 84
78) Pyrene	19.662	202	135156	2.278	ng	# 74
84) Bis(2-ethylhexyl)phtha...	21.344	149	1758706	45.530	ng	# 93

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

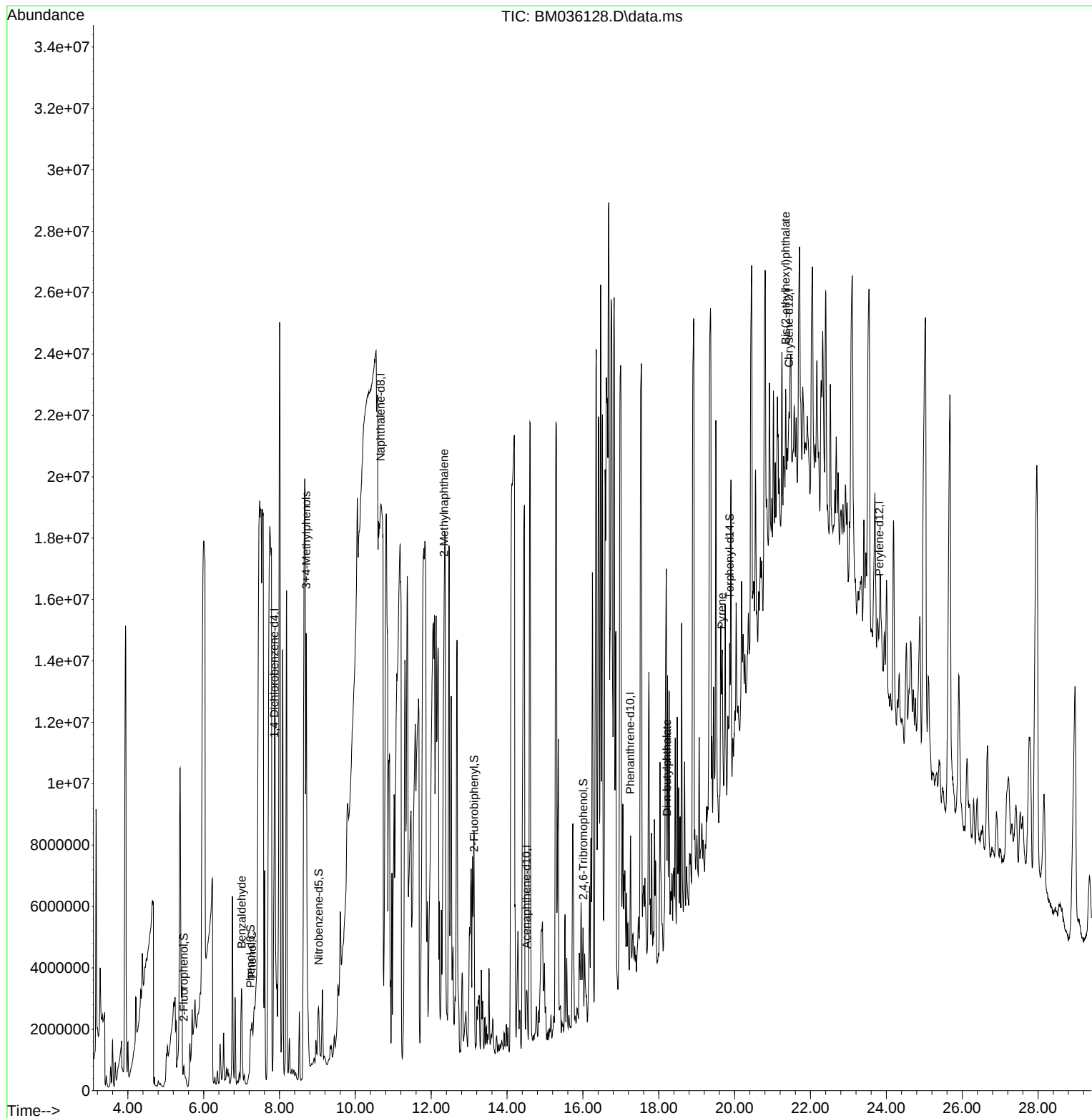
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080522\
Data File : BM036128.D
Acq On : 05 Aug 2022 20:36
Operator : CG/JU
Sample : N4056-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

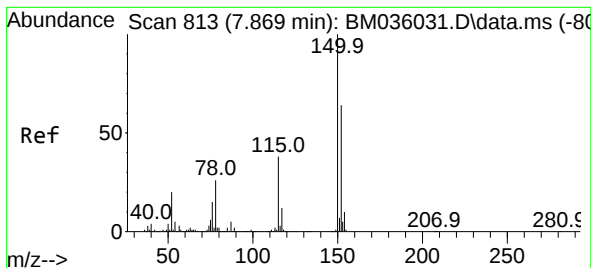
Instrument :
BNA_M
ClientSampleId :
TOTE

Quant Time: Aug 06 01:13:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 03:36:25 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

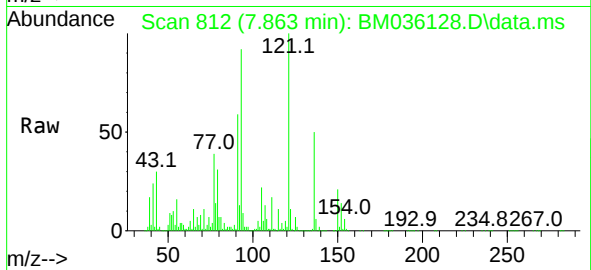
Reviewed By : Christian Giraldo 08/08/2022
Supervised By : Jagrut Upadhyay 08/08/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36

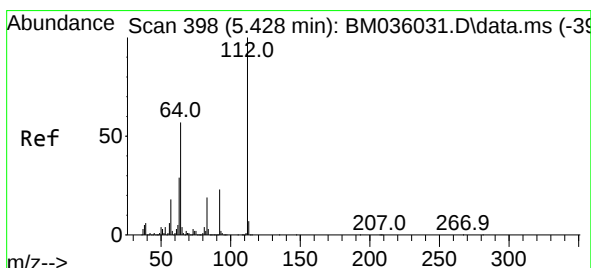
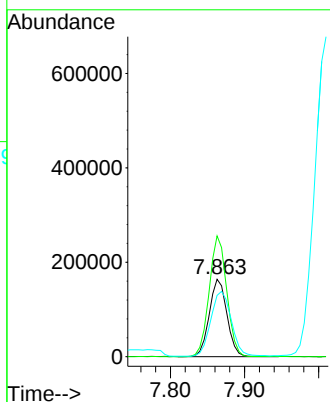
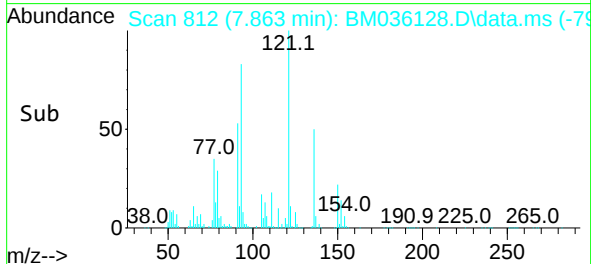
Instrument :
BNA_M
ClientSampleId :
TOTE



Tgt Ion:152 Resp: 270779
Ion Ratio Lower Upper
152 100
150 156.2 124.9 187.3
115 79.2 47.9 71.9

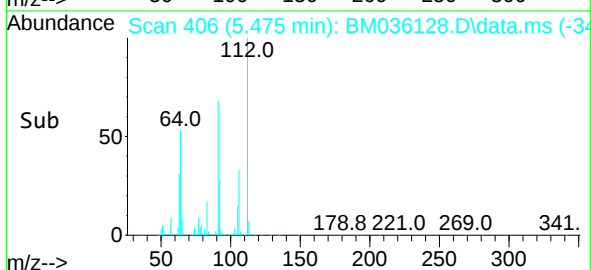
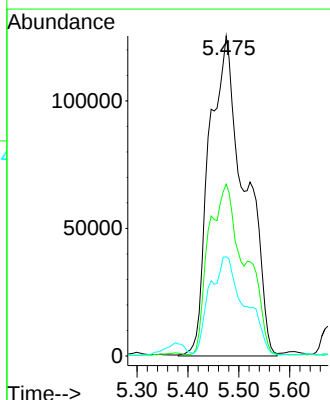
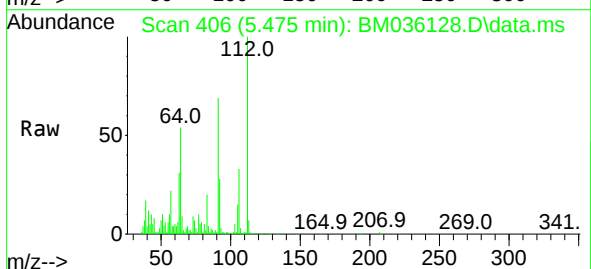
Manual Integrations
APPROVED

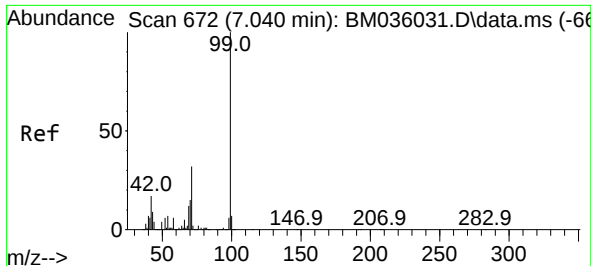
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#5
2-Fluorophenol
Concen: 36.663 ng m
RT: 5.475 min Scan# 406
Delta R.T. 0.053 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36

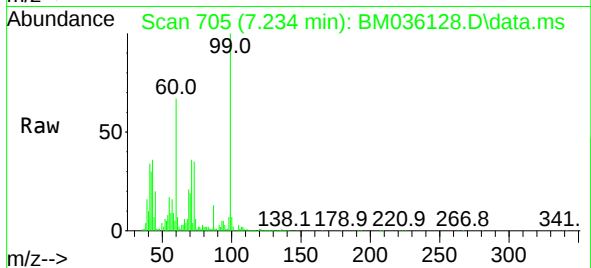
Tgt Ion:112 Resp: 612343
Ion Ratio Lower Upper
112 100
64 53.7 47.8 71.6
63 31.0 26.6 40.0





#7
Phenol-d6
Concen: 28.770 ng
RT: 7.234 min Scan# 705
Delta R.T. 0.200 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36

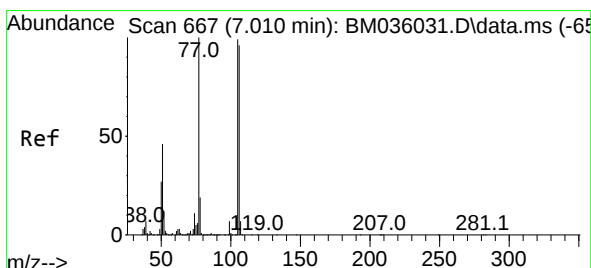
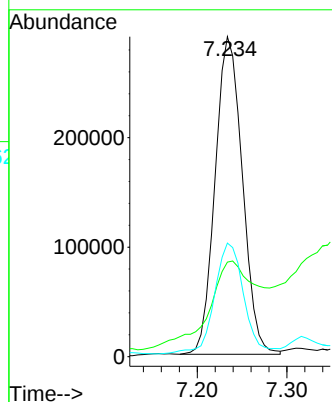
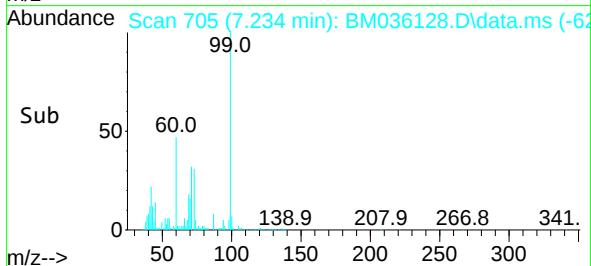
Instrument :
BNA_M
ClientSampleId :
TOTE



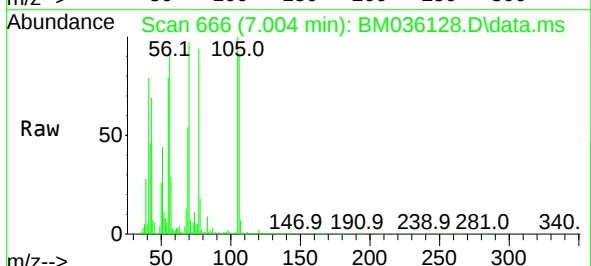
Tgt Ion: 99 Resp: 611415
Ion Ratio Lower Upper
99 100
42 29.5 18.8 28.2
71 35.5 30.2 45.2

Manual Integrations
APPROVED

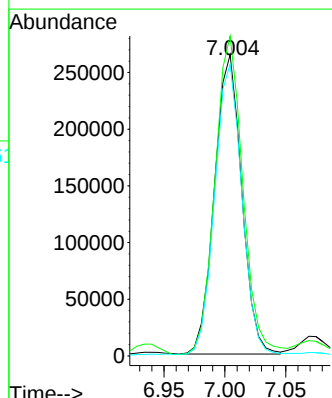
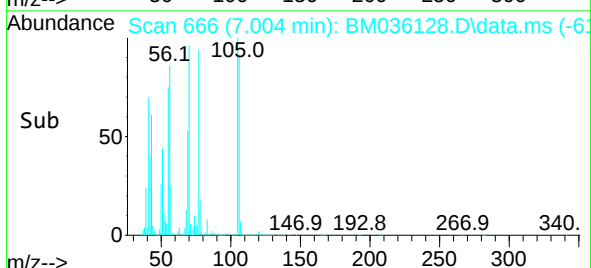
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

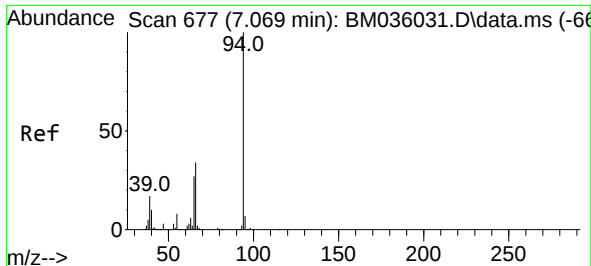


#9
Benzaldehyde
Concen: 36.449 ng
RT: 7.004 min Scan# 666
Delta R.T. 0.006 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36



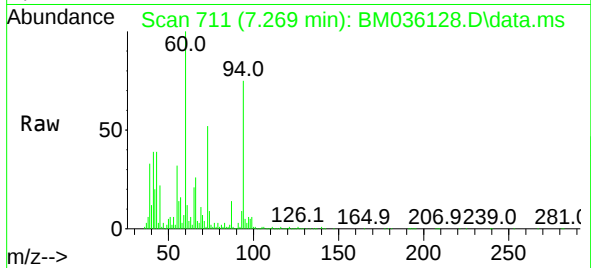
Tgt Ion: 77 Resp: 410078
Ion Ratio Lower Upper
77 100
105 106.2 76.3 116.3
106 96.8 69.0 109.0





#10
Phenol
Concen: 24.510 ng
RT: 7.269 min Scan# 711
Delta R.T. 0.212 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36

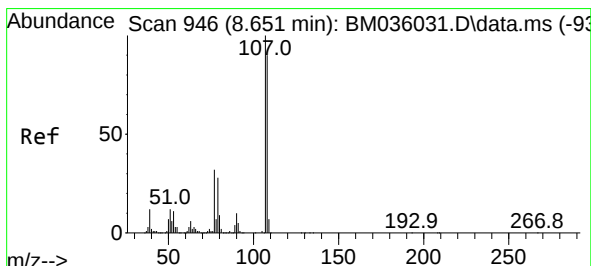
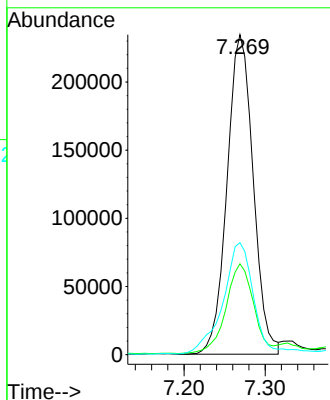
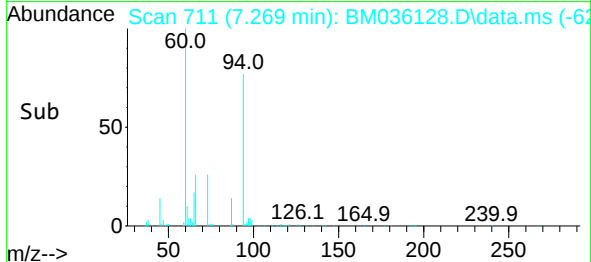
Instrument :
BNA_M
ClientSampleId :
TOTE



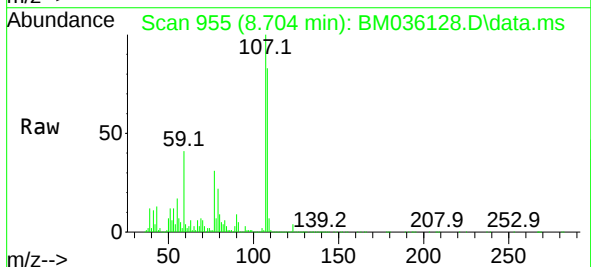
Tgt Ion: 94 Resp: 524478
Ion Ratio Lower Upper
94 100
65 28.4 11.4 51.4
66 35.0 21.4 61.4

Manual Integrations
APPROVED

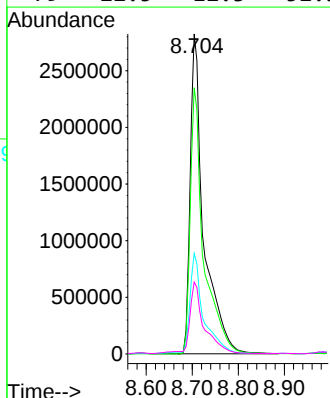
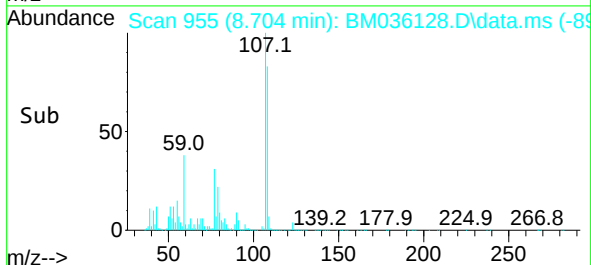
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

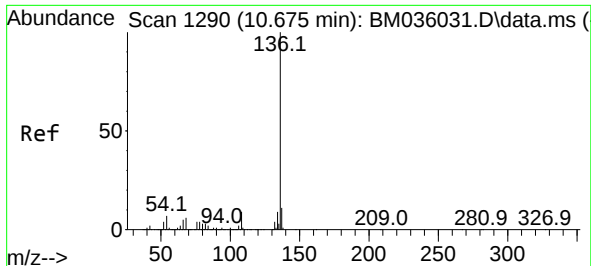


#20
3+4-Methylphenols
Concen: 299.157 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.065 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36



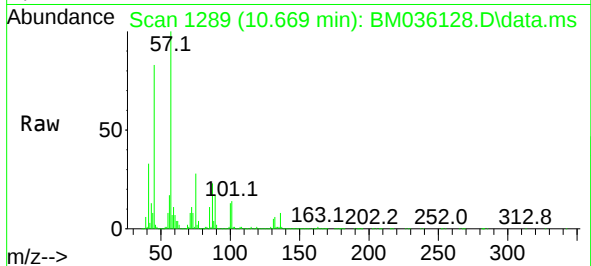
Tgt Ion:107 Resp: 5757152
Ion Ratio Lower Upper
107 100
108 83.2 69.3 109.3
77 31.4 15.8 55.8
79 22.5 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36

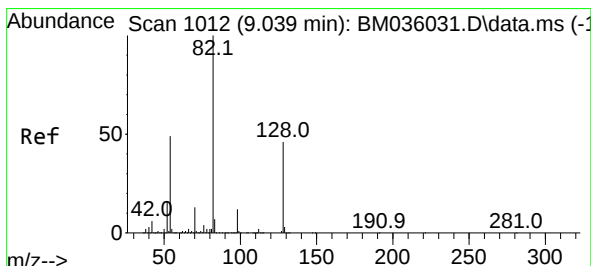
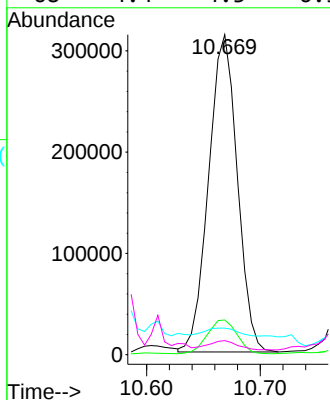
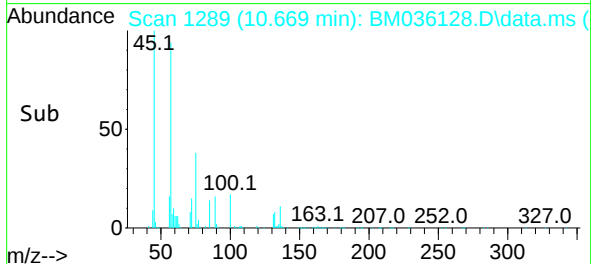
Instrument :
BNA_M
ClientSampleId :
TOTE



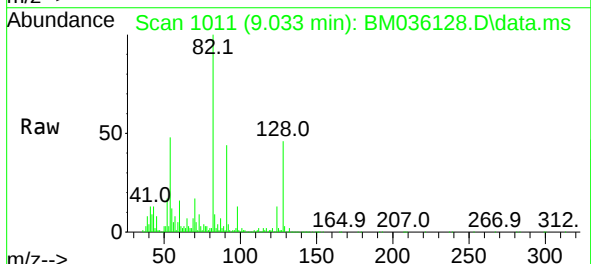
Tgt Ion:136 Resp: 549540
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 7.0 10.4
68 4.4 4.3 6.5

Manual Integrations
APPROVED

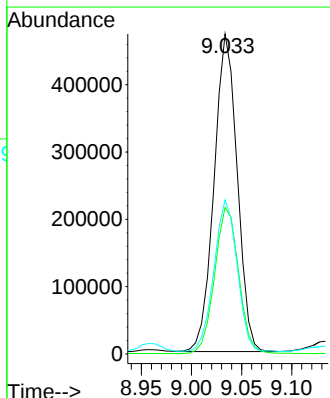
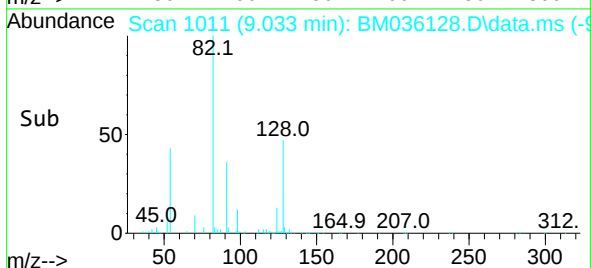
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

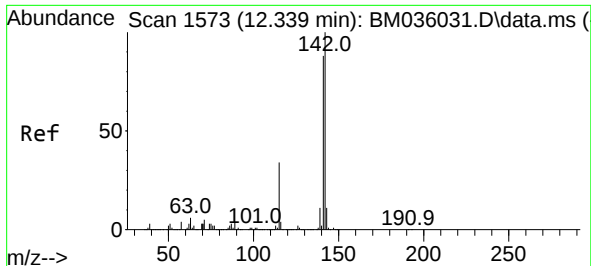


#23
Nitrobenzene-d5
Concen: 77.042 ng
RT: 9.033 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36



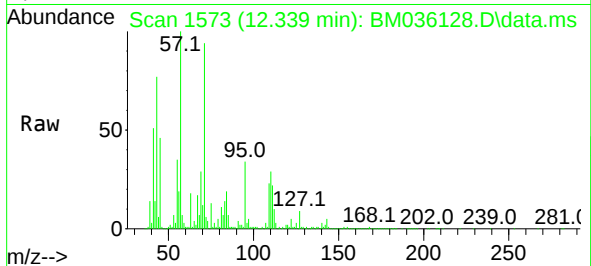
Tgt Ion: 82 Resp: 756350
Ion Ratio Lower Upper
82 100
128 45.8 33.7 50.5
54 48.1 43.2 64.8





#37
2-Methylnaphthalene
Concen: 3.939 ng
RT: 12.339 min Scan# 11
Delta R.T. 0.012 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36

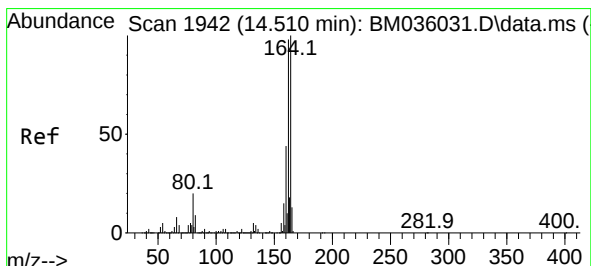
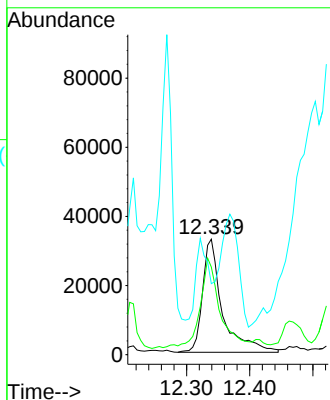
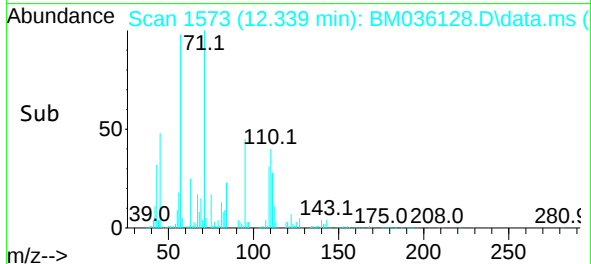
Instrument :
BNA_M
ClientSampleId :
TOTE



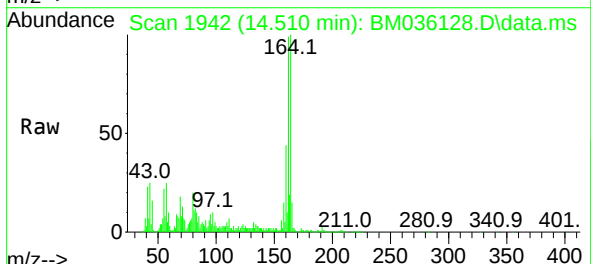
Tgt Ion:142 Resp: 7162
Ion Ratio Lower Upper
142 100
141 76.0 72.4 108.6
115 61.6 29.6 44.4

Manual Integrations
APPROVED

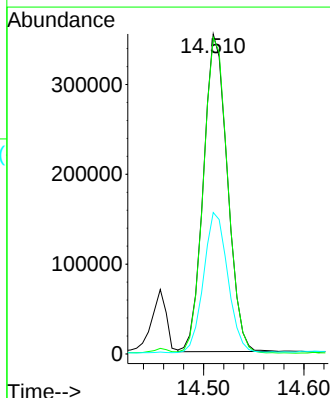
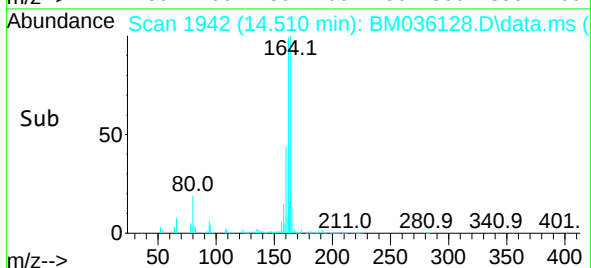
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

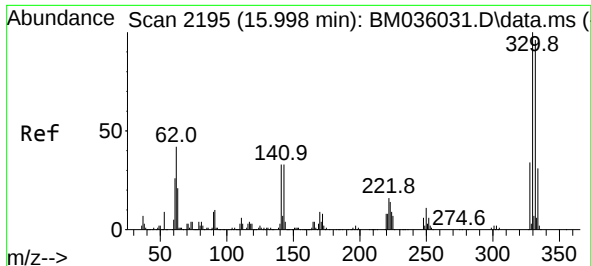


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. 0.012 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36



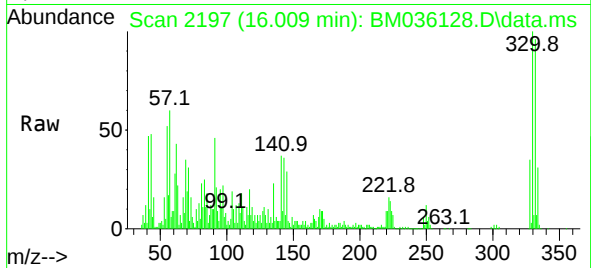
Tgt Ion:164 Resp: 587124
Ion Ratio Lower Upper
164 100
162 98.9 83.0 124.6
160 44.2 37.0 55.4





#42
2,4,6-Tribromophenol
Concen: 50.286 ng
RT: 16.009 min Scan# 2195
Delta R.T. 0.023 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36

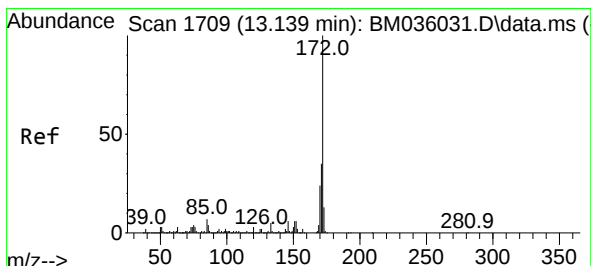
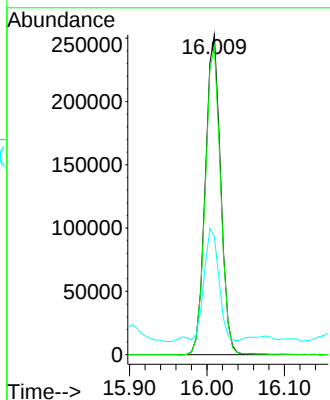
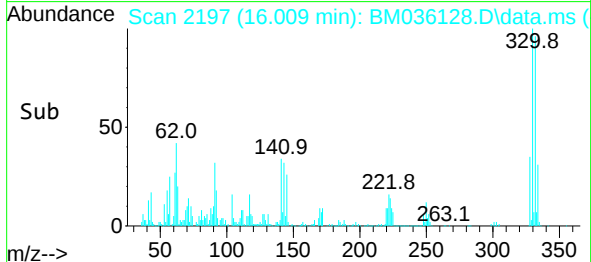
Instrument :
BNA_M
ClientSampleId :
TOTE



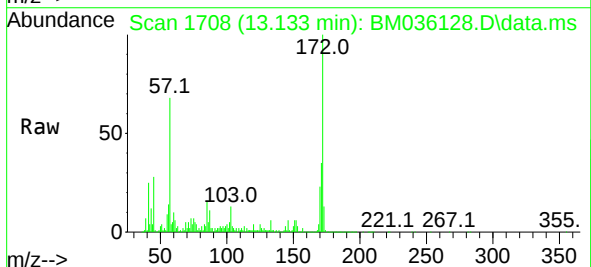
Tgt Ion:330 Resp: 346360
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 35.4 35.3 52.9

Manual Integrations
APPROVED

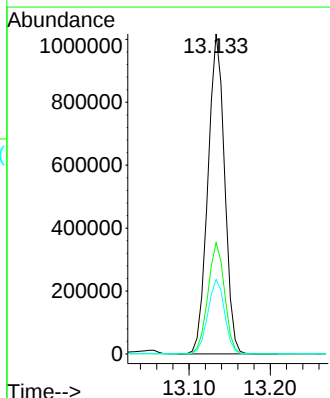
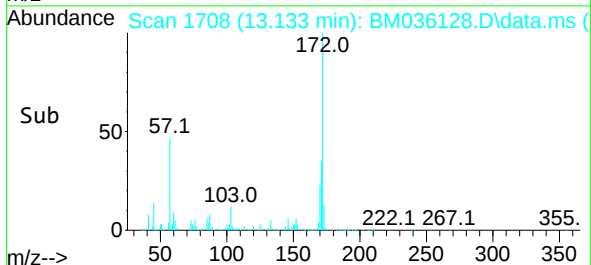
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

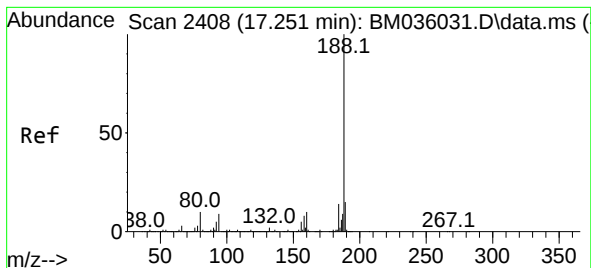


#45
2-Fluorobiphenyl
Concen: 36.370 ng
RT: 13.133 min Scan# 1708
Delta R.T. 0.006 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36



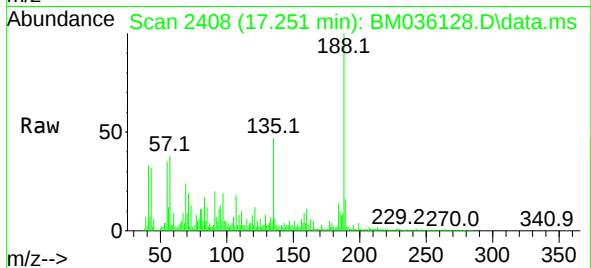
Tgt Ion:172 Resp: 1446279
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 23.3 18.7 28.1





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.012 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36

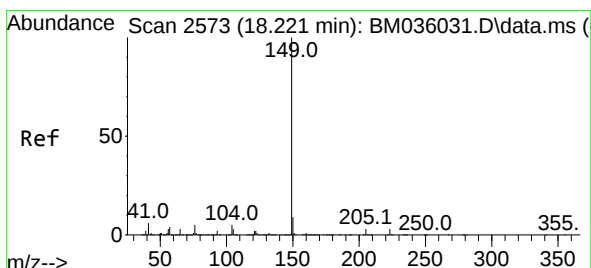
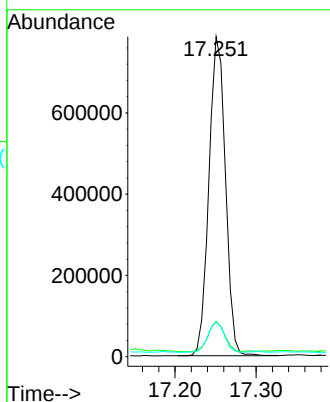
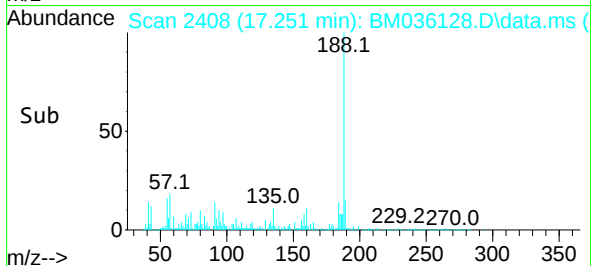
Instrument :
BNA_M
ClientSampleId :
TOTE



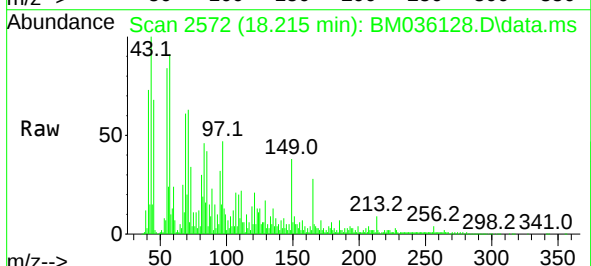
Tgt Ion:188 Resp: 1108120
Ion Ratio Lower Upper
188 100
94 11.1 7.0 10.4#
80 10.9 7.6 11.4#

Manual Integrations
APPROVED

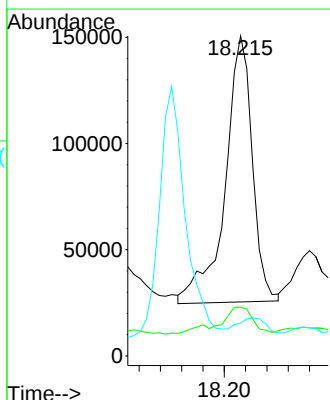
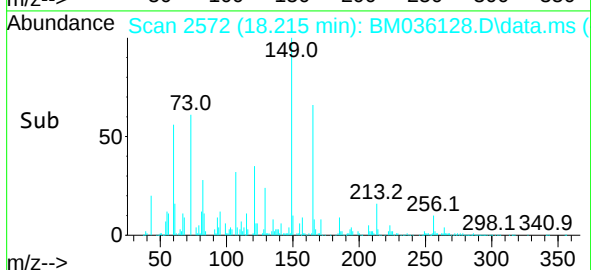
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022

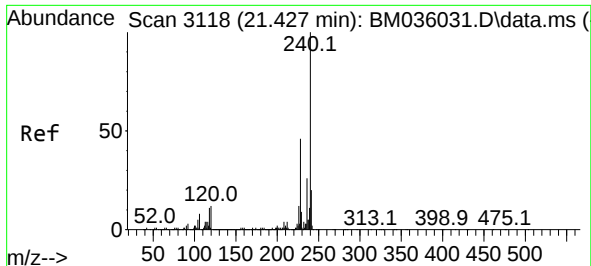


#74
Di-n-butylphthalate
Concen: 3.369 ng
RT: 18.215 min Scan# 2572
Delta R.T. -0.000 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36



Tgt Ion:149 Resp: 222712
Ion Ratio Lower Upper
149 100
150 15.3 7.3 10.9#
104 10.3 4.3 6.5#





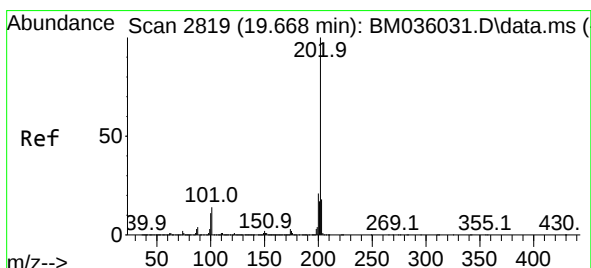
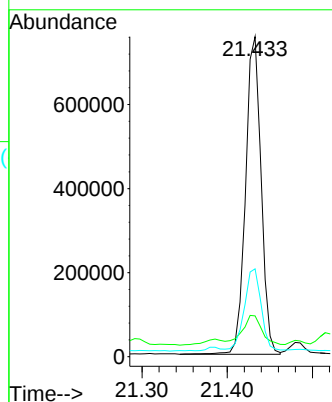
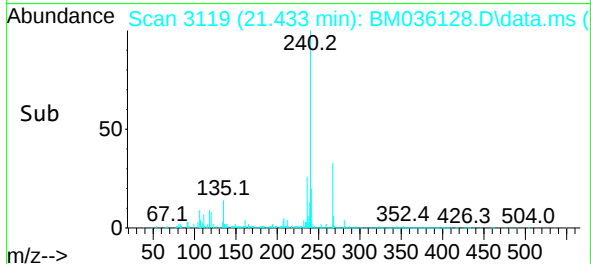
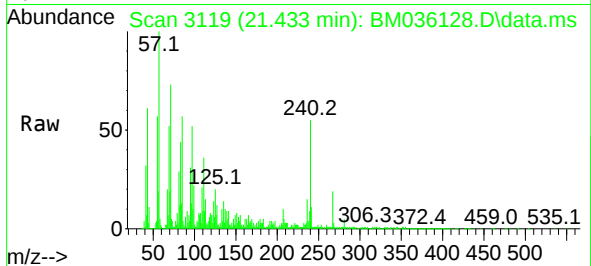
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3118
Delta R.T. 0.012 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36

Instrument :
BNA_M
ClientSampleId :
TOTE

Tgt Ion:240 Resp: 956664
Ion Ratio Lower Upper
240 100
120 12.8 9.4 14.0
236 27.5 20.6 30.8

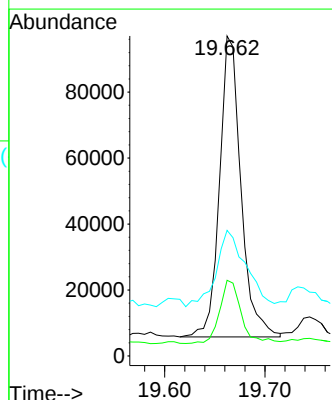
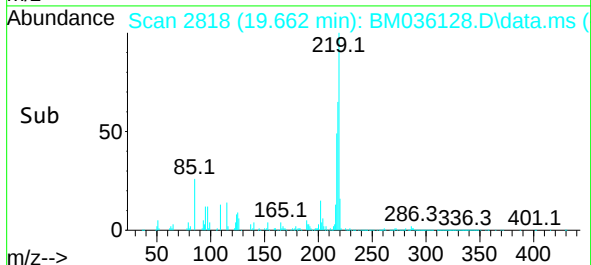
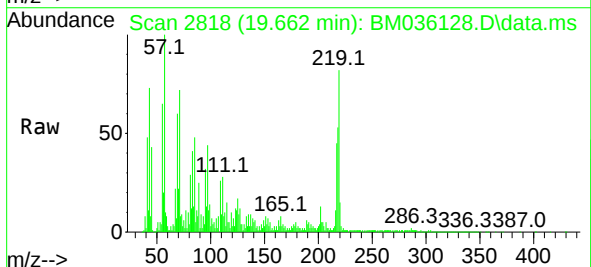
Manual Integrations
APPROVED

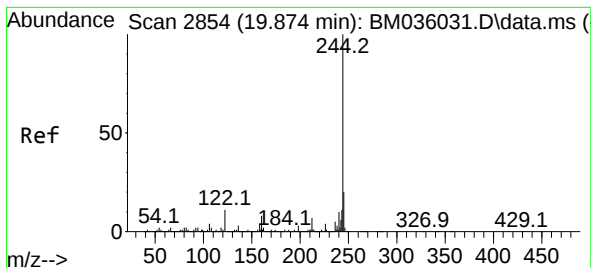
Reviewed By :Christian Giraldo 08/08/2022
Supervised By :Jagrut Upadhyay 08/08/2022



#78
Pyrene
Concen: 2.278 ng
RT: 19.662 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BM036128.D
Acq: 05 Aug 2022 20:36

Tgt Ion:202 Resp: 135156
Ion Ratio Lower Upper
202 100
200 23.6 16.7 25.1
203 39.3 13.9 20.9#





#79

Terphenyl-d14

Concen: 38.909 ng

RT: 19.868 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM036128.D

Acq: 05 Aug 2022 20:36

Instrument :

BNA_M

ClientSampleId :

TOTE

Tgt Ion:244 Resp: 188715

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

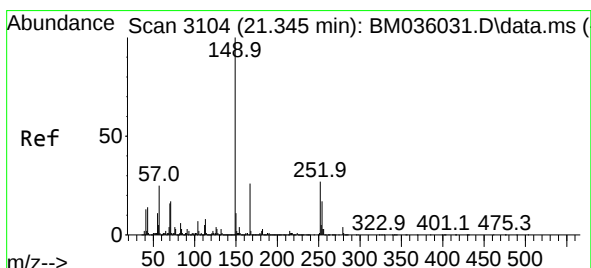
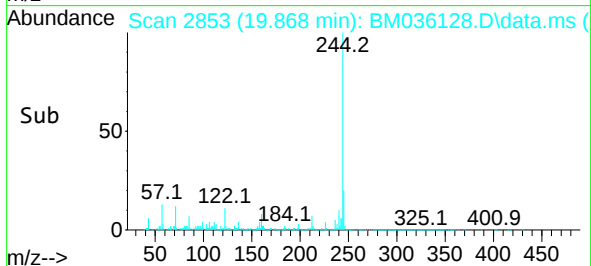
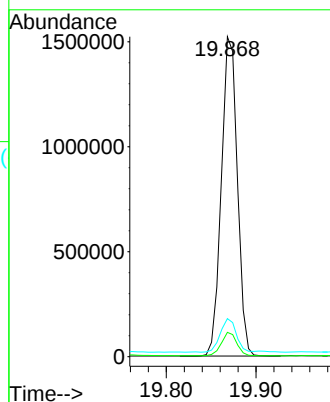
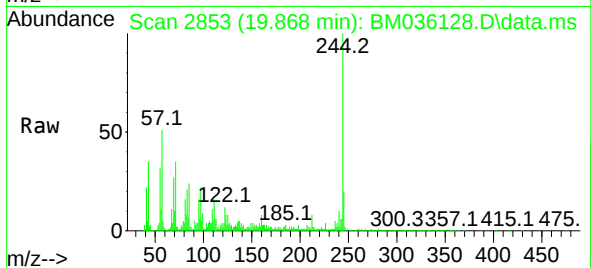
122 11.9 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/08/2022

Supervised By :Jagrut Upadhyay 08/08/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.530 ng

RT: 21.344 min Scan# 3104

Delta R.T. 0.006 min

Lab File: BM036128.D

Acq: 05 Aug 2022 20:36

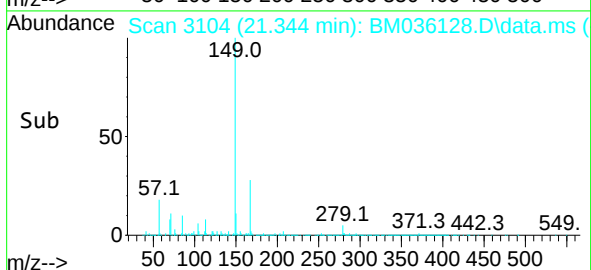
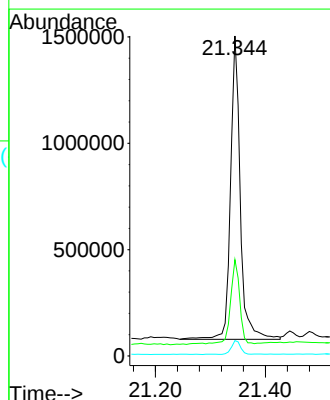
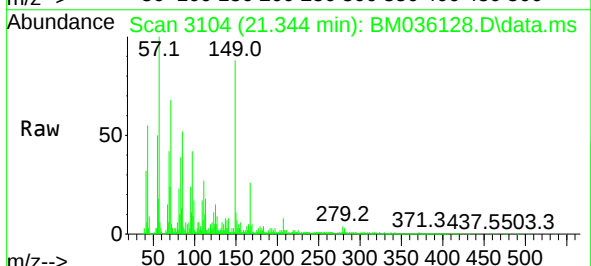
Tgt Ion:149 Resp: 1758706

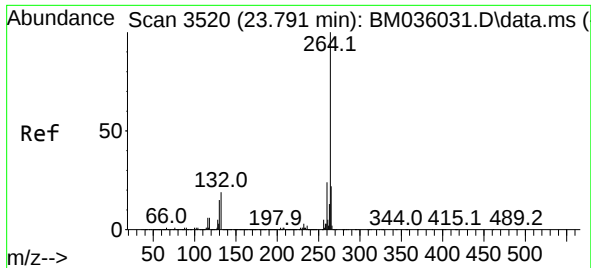
Ion Ratio Lower Upper

149 100

167 30.1 21.1 31.7

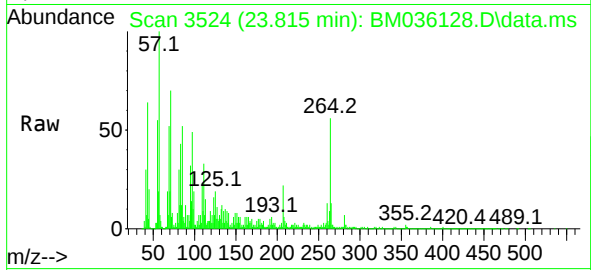
279 4.8 2.8 4.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.815 min Scan# 30
 Delta R.T. 0.029 min
 Lab File: BM036128.D
 Acq: 05 Aug 2022 20:36

Instrument :
 BNA_M
 ClientSampleId :
 TOTE



Tgt Ion:264 Resp: 107478
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.9 28.3
 265 24.0 17.5 26.3

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 08/08/2022
 Supervised By :Jagrut Upadhyay 08/08/2022

