

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008483.D
 Acq On : 17 Dec 2021 21:51
 Operator : CG/JU
 Sample : M5039-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-28

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/18/2021
 Supervised By :Jagrut Upadhyay 12/20/2021

Quant Time: Dec 18 07:36:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	53281	20.000	ng	0.00
21) Naphthalene-d8	10.522	136	211524	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	142417	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	312495	20.000	ng	0.00
76) Chrysene-d12	21.257	240	344224	20.000	ng	0.00
86) Perylene-d12	23.621	264	375397	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	200770	59.508	ng	0.02
7) Phenol-d6	6.946	99	158491	34.977	ng	0.02
23) Nitrobenzene-d5	8.893	82	408909	81.898	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	276591	132.155	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	884997	78.994	ng	0.00
79) Terphenyl-d14	19.722	244	1403793	70.975	ng	0.00
Target Compounds						
						Qvalue
17) 2-Methylphenol	8.210	107	35194	11.562	ng	# 59
20) 3+4-Methylphenols	8.540	107	58555	13.966	ng	# 50
22) Acetophenone	8.558	105	179313	28.826	ng	# 97
27) 2,4-Dimethylphenol	9.763	122	253795	85.458	ng	# 89
31) Naphthalene	10.575	128	3359071	302.828	ng	99
37) 2-Methylnaphthalene	12.193	142	647788	84.732	ng	97
38) 1-Methylnaphthalene	12.410	142	348891m	46.875	ng	
73) Carbazole	17.563	167	55021	3.600	ng	96

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

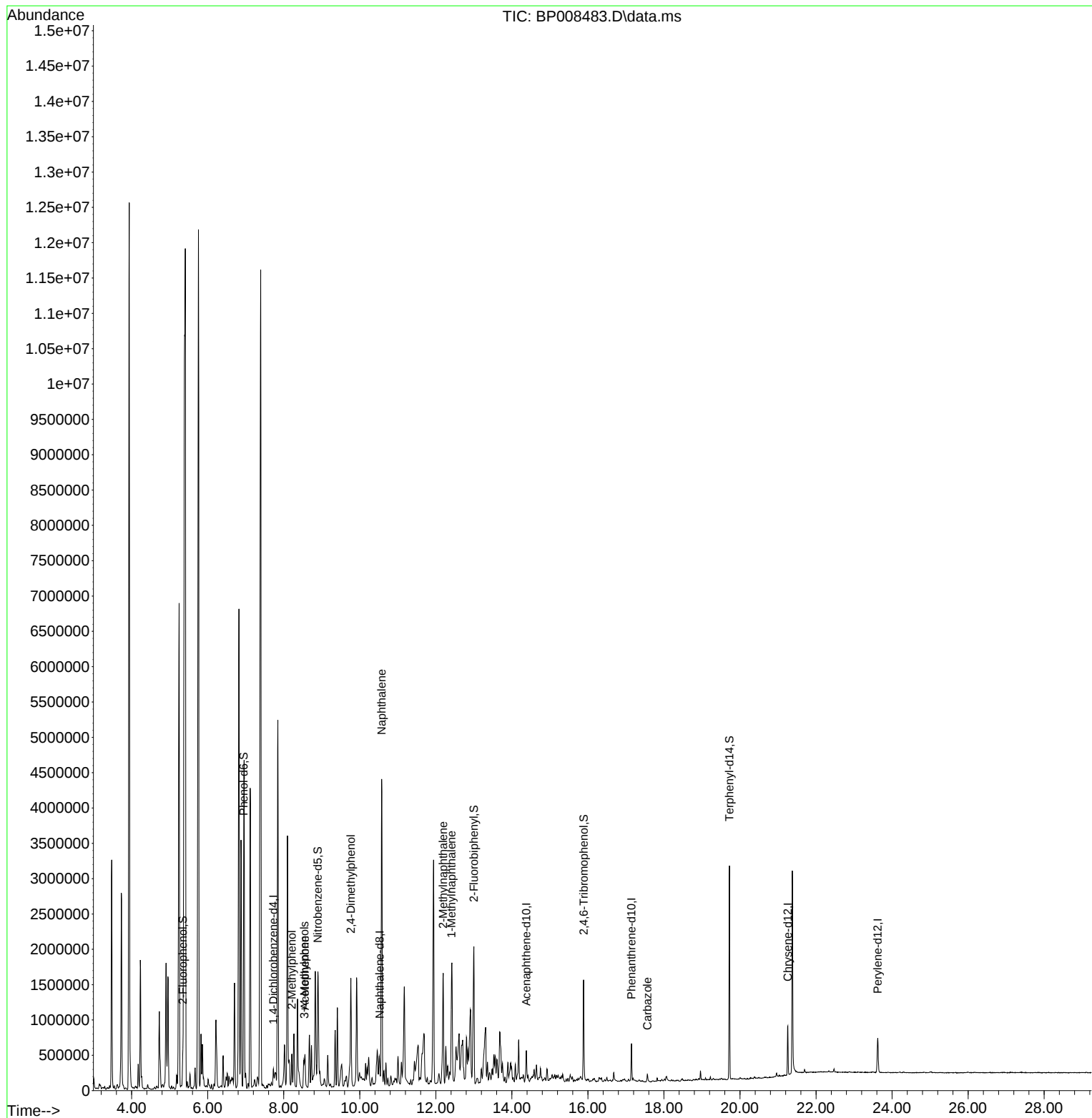
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
Data File : BP008483.D
Acq On : 17 Dec 2021 21:51
Operator : CG/JU
Sample : M5039-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

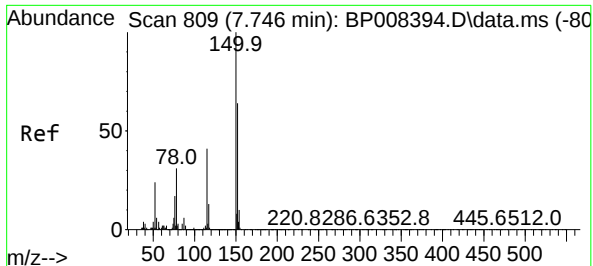
Instrument :
BNA_P
ClientSampleId :
MW-28

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 12/18/2021
Supervised By : Jagrut Upadhyay 12/20/2021

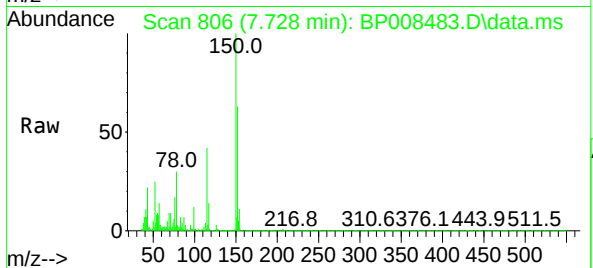
Quant Time: Dec 18 07:36:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 18 06:49:58 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 809
Delta R.T. 0.000 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

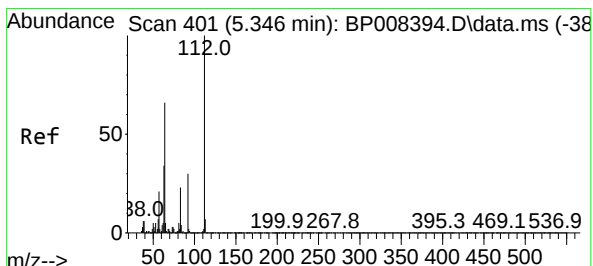
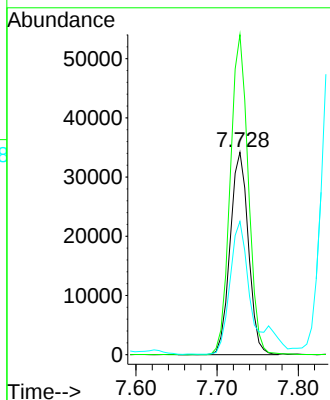
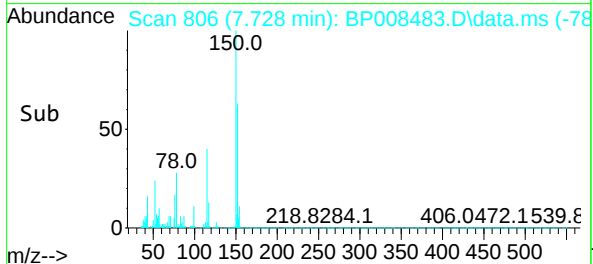
Instrument :
BNA_P
ClientSampleId :
MW-28



Tgt Ion:152 Resp: 5328
Ion Ratio Lower Upper
152 100
150 158.1 125.7 188.5
115 65.8 50.7 76.1

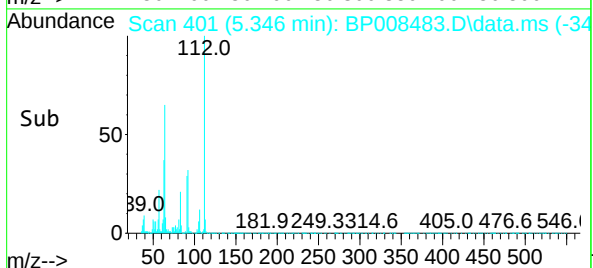
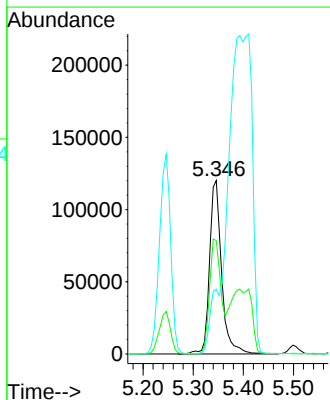
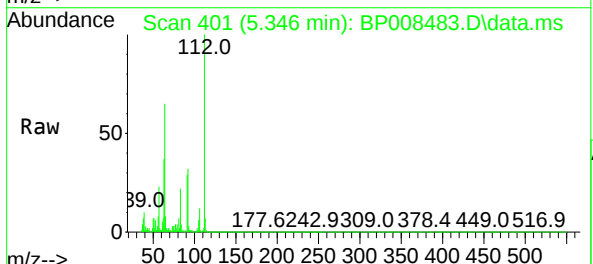
Manual Integrations
APPROVED

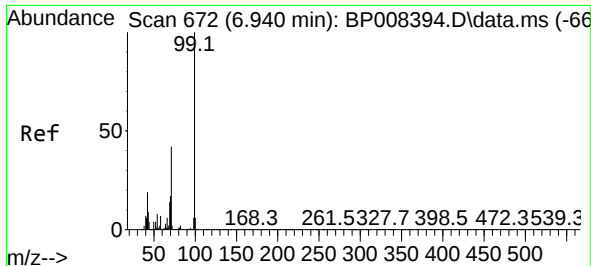
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#5
2-Fluorophenol
Concen: 59.508 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

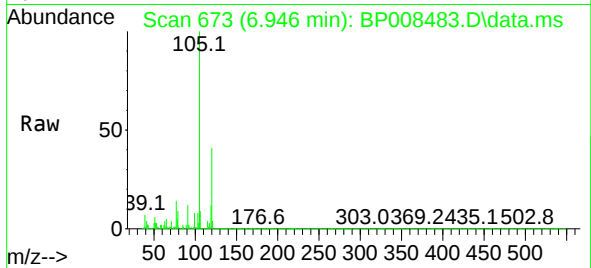
Tgt Ion:112 Resp: 200770
Ion Ratio Lower Upper
112 100
64 65.3 53.4 80.2
63 37.3 27.8 41.8





#7
Phenol-d6
Concen: 34.977 ng
RT: 6.946 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

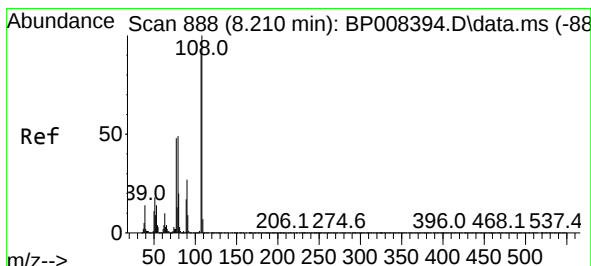
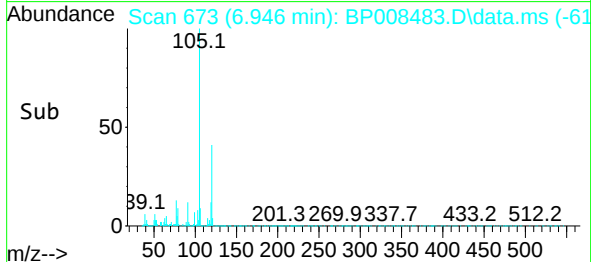
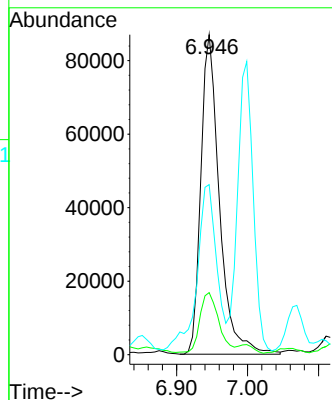
Instrument :
BNA_P
ClientSampleId :
MW-28



Tgt Ion: 99 Resp: 15849
Ion Ratio Lower Upper
99 100
42 19.4 14.6 22.0
71 53.2 31.1 46.7

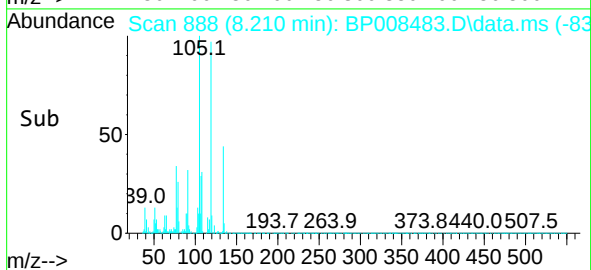
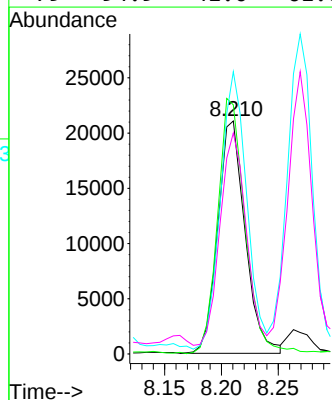
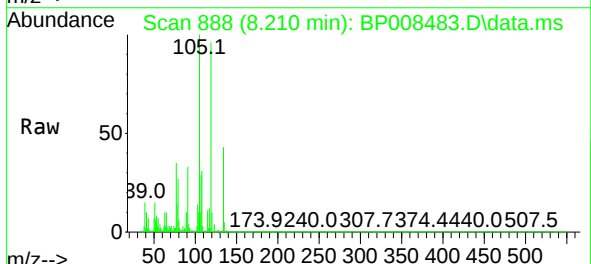
Manual Integrations
APPROVED

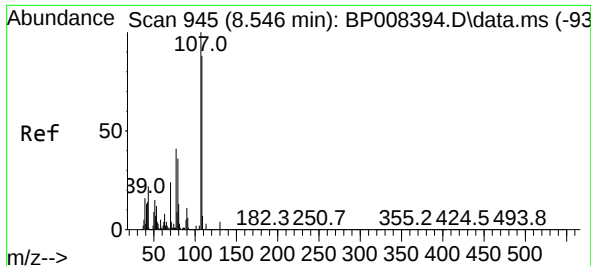
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#17
2-Methylphenol
Concen: 11.562 ng
RT: 8.210 min Scan# 888
Delta R.T. 0.012 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

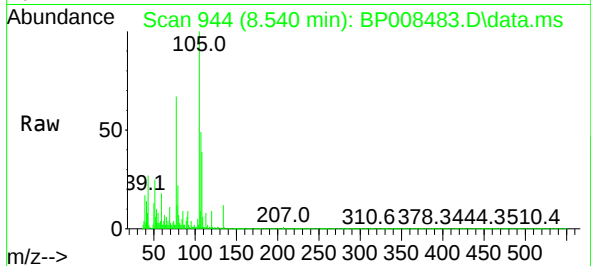
Tgt Ion:107 Resp: 35194
Ion Ratio Lower Upper
107 100
108 107.0 90.2 135.2
77 121.2 41.3 61.9#
79 94.9 41.0 61.6#





#20
3+4-Methylphenols
Concen: 13.966 ng
RT: 8.540 min Scan# 945
Delta R.T. 0.006 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

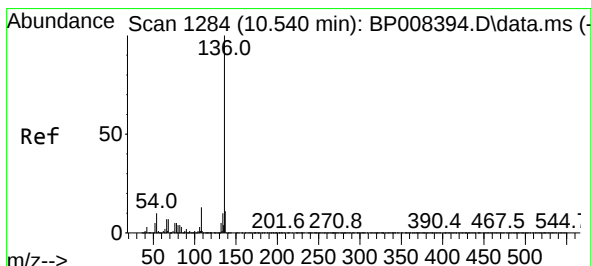
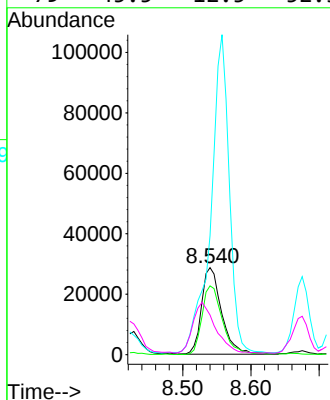
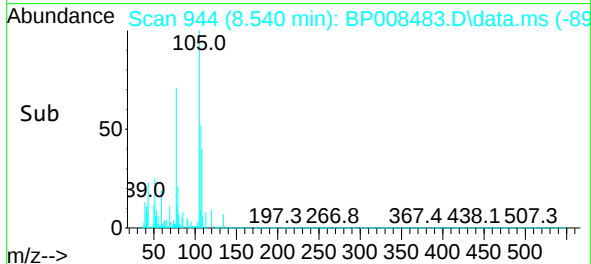
Instrument :
BNA_P
ClientSampleId :
MW-28



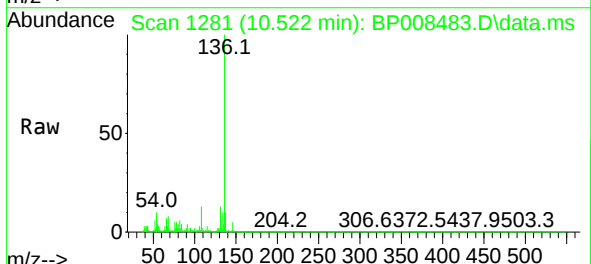
Tgt Ion:107	Resp: 5855
Ion Ratio	Lower Upper
107 100	
108 79.0	68.2 108.2
77 136.6	16.9 56.9
79 45.5	12.5 52.5

Manual Integrations
APPROVED

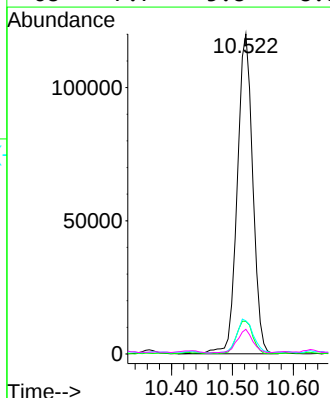
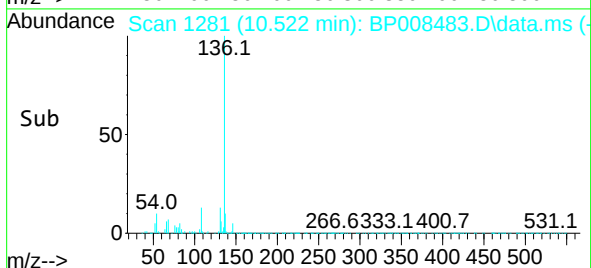
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

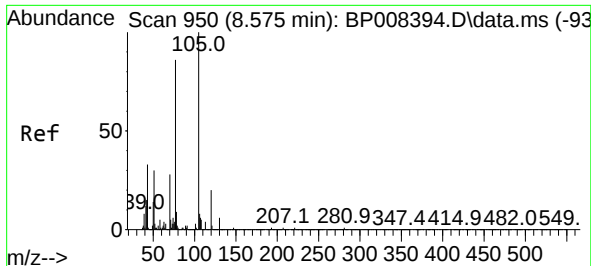


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51



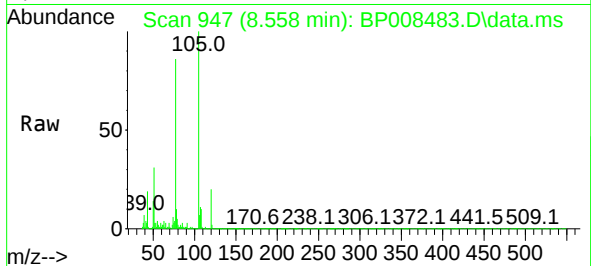
Tgt Ion:136	Resp: 211524
Ion Ratio	Lower Upper
136 100	
137 10.2	9.0 13.6
54 10.4	8.2 12.4
68 7.7	5.8 8.8





#22
Acetophenone
Concen: 28.826 ng
RT: 8.558 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

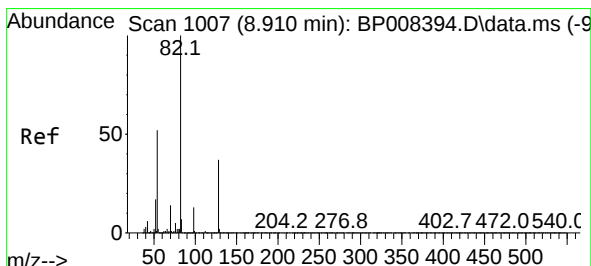
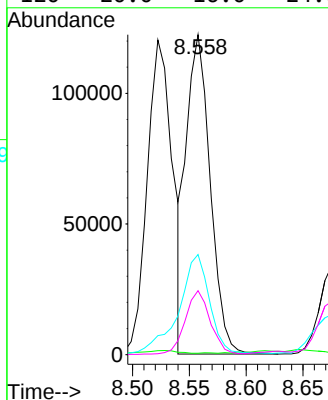
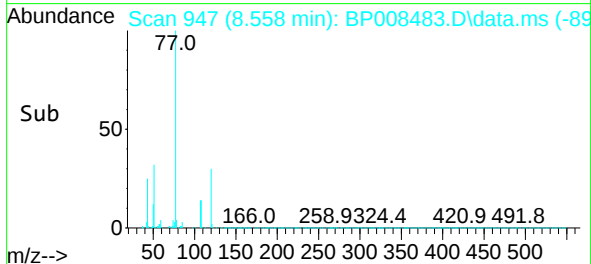
Instrument :
BNA_P
ClientSampleId :
MW-28



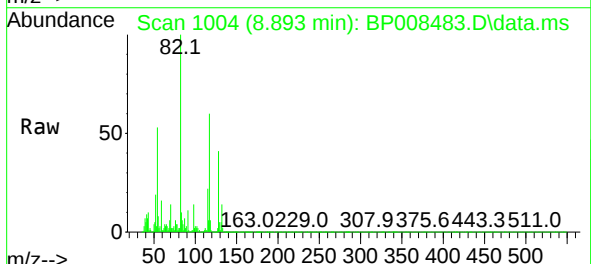
Tgt Ion: 105 Resp: 17931
Ion Ratio Lower Upper
105 100
71 0.4 4.0 6.0
51 31.3 23.8 35.6
120 20.0 16.0 24.0

Manual Integrations
APPROVED

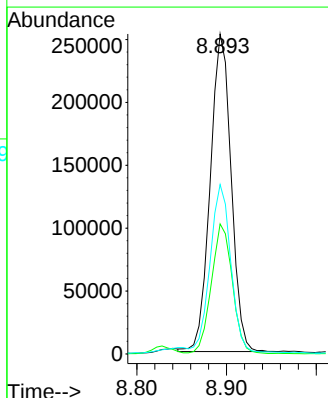
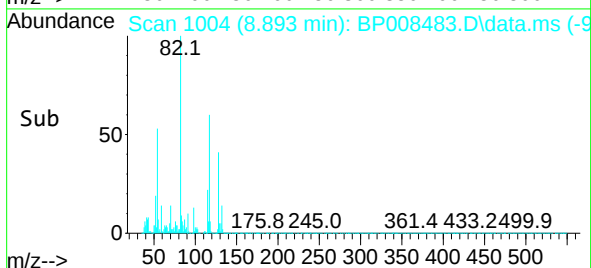
Reviewed By : Christian Giraldo 12/18/2021
Supervised By : Jagrut Upadhyay 12/20/2021

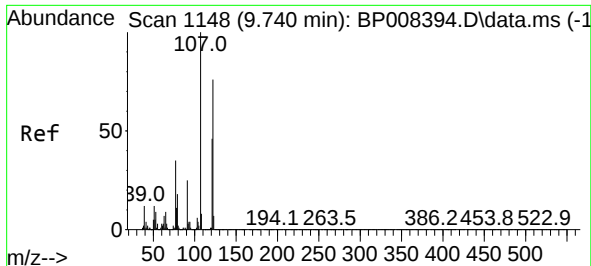


#23
Nitrobenzene-d5
Concen: 81.898 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51



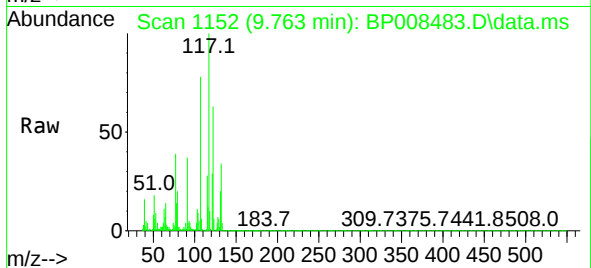
Tgt Ion: 82 Resp: 408909
Ion Ratio Lower Upper
82 100
128 40.7 29.6 44.4
54 53.0 42.7 64.1





#27
2,4-Dimethylphenol
Concen: 85.458 ng
RT: 9.763 min Scan# 1148
Delta R.T. 0.035 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

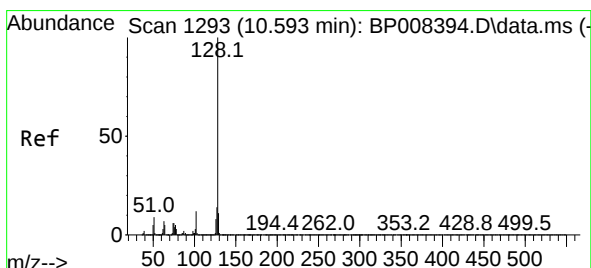
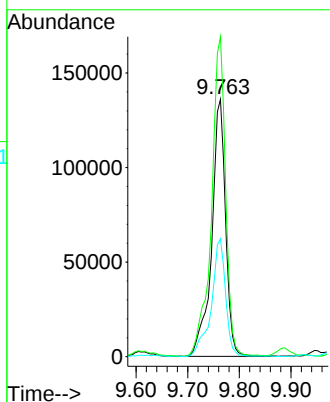
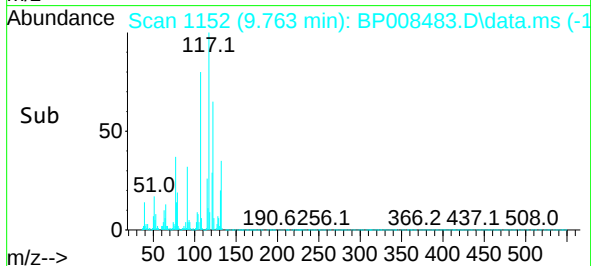
Instrument :
BNA_P
ClientSampleId :
MW-28



Tgt Ion:122 Resp: 25379
Ion Ratio Lower Upper
122 100
107 124.3 106.6 160.0
121 45.8 48.1 72.1

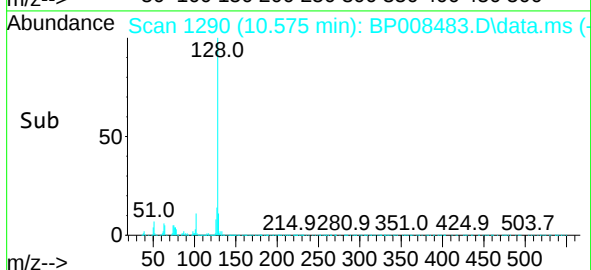
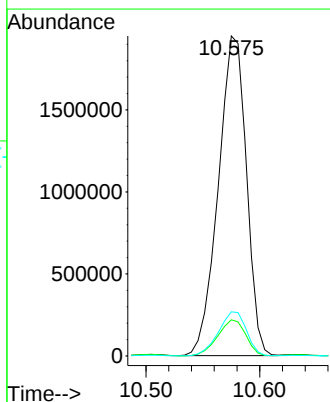
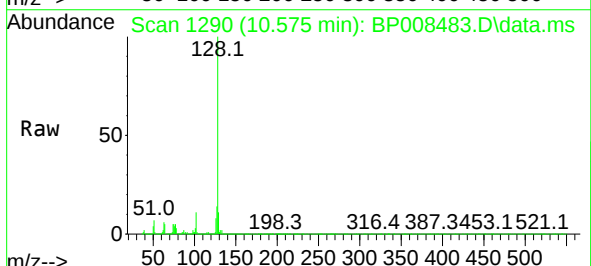
Manual Integrations
APPROVED

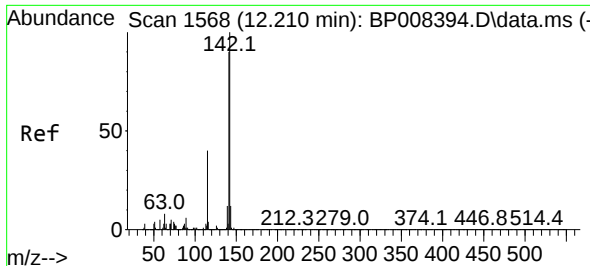
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021



#31
Naphthalene
Concen: 302.828 ng
RT: 10.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

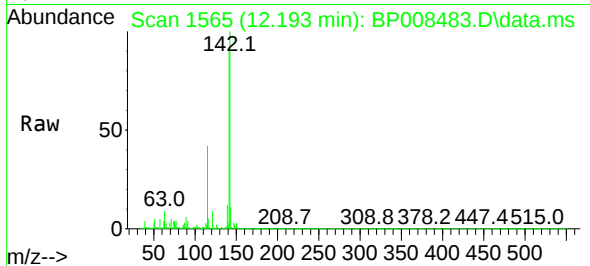
Tgt Ion:128 Resp: 3359071
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 13.8 10.9 16.3





#37
2-Methylnaphthalene
Concen: 84.732 ng
RT: 12.193 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

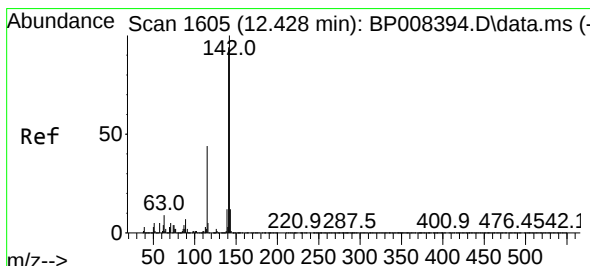
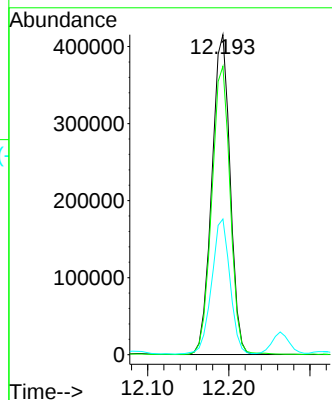
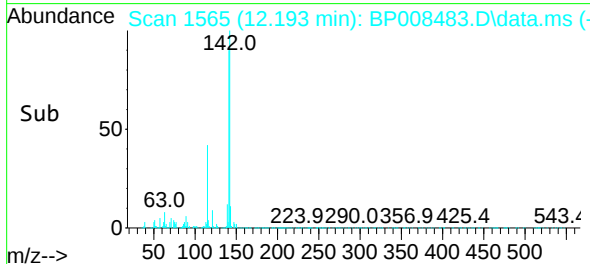
Instrument :
BNA_P
ClientSampleId :
MW-28



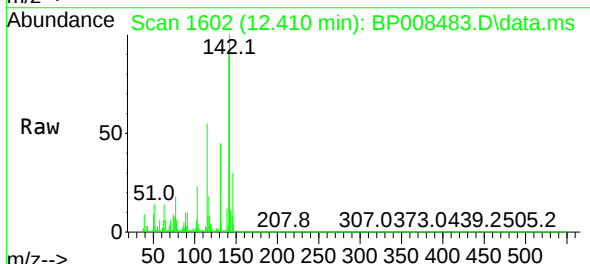
Tgt Ion:142 Resp: 647788
Ion Ratio Lower Upper
142 100
141 90.1 70.7 106.1
115 42.4 30.9 46.3

Manual Integrations
APPROVED

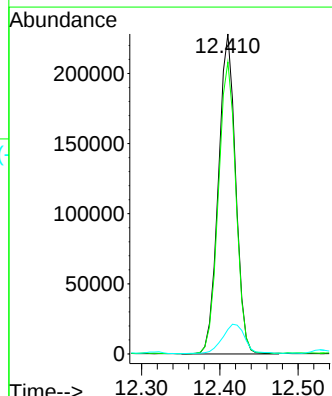
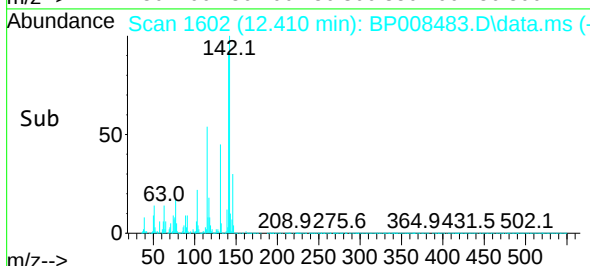
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

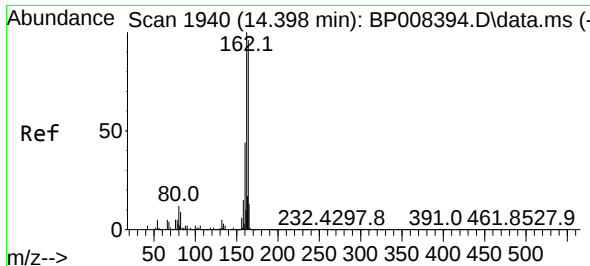


#38
1-Methylnaphthalene
Concen: 46.875 ng m
RT: 12.410 min Scan# 1602
Delta R.T. -0.006 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51



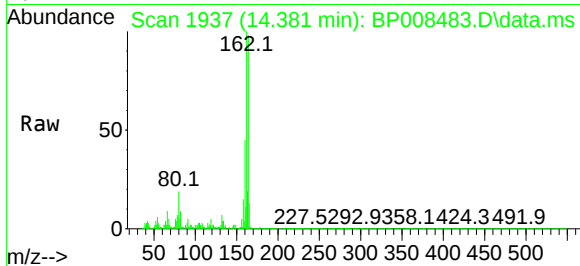
Tgt Ion:142 Resp: 348891
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.4
116 7.7 3.4 5.2#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

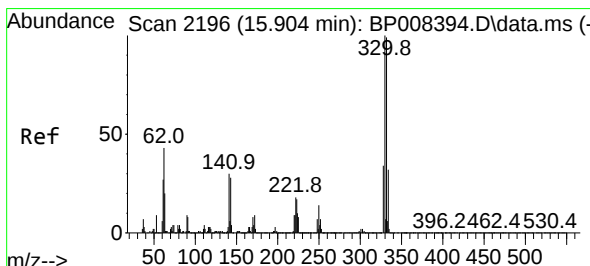
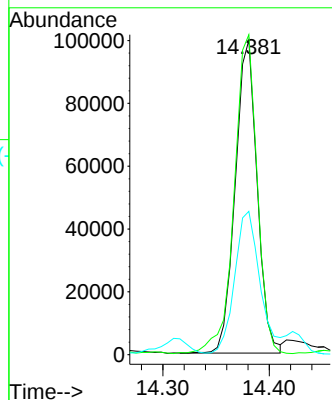
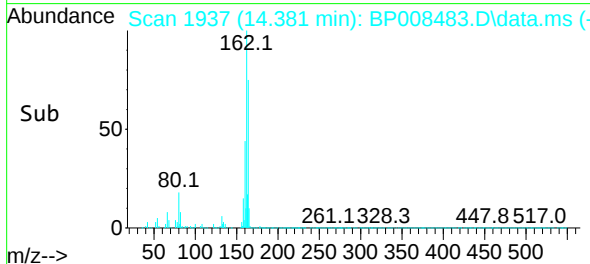
Instrument :
BNA_P
ClientSampleId :
MW-28



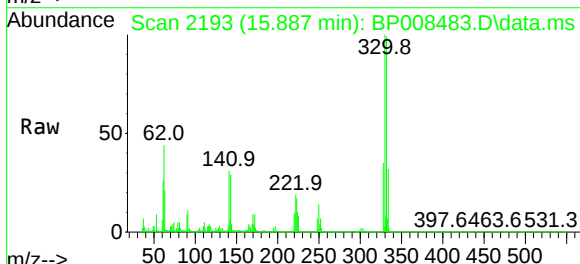
Tgt Ion:164 Resp: 14241
Ion Ratio Lower Upper
164 100
162 101.7 81.9 122.9
160 45.6 35.4 53.0

Manual Integrations
APPROVED

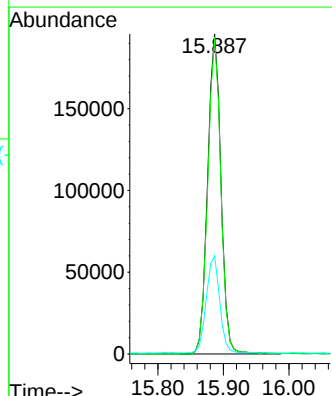
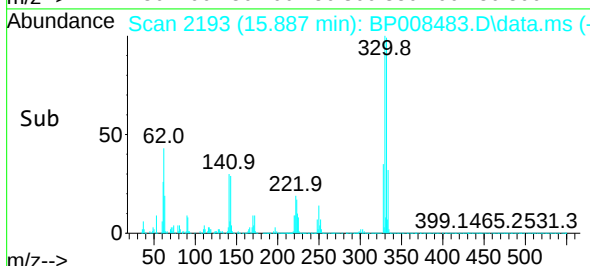
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

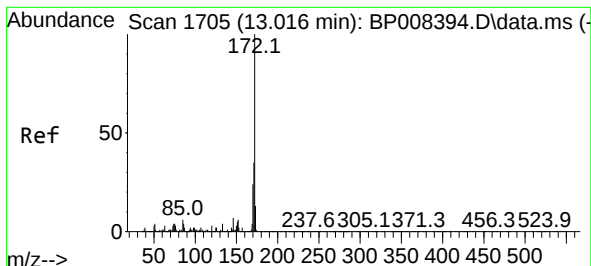


#42
2,4,6-Tribromophenol
Concen: 132.155 ng
RT: 15.887 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51



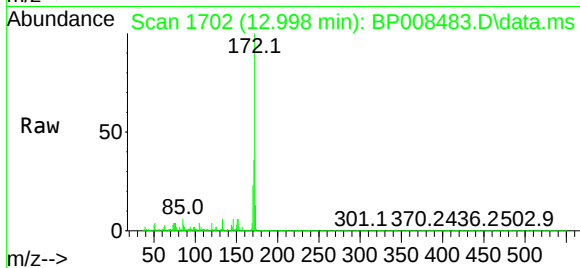
Tgt Ion:330 Resp: 276591
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 30.6 28.4 42.6





#45
2-Fluorobiphenyl
Concen: 78.994 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51

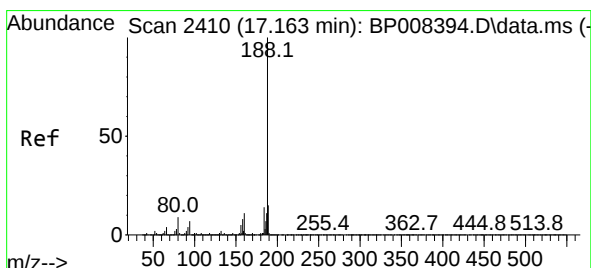
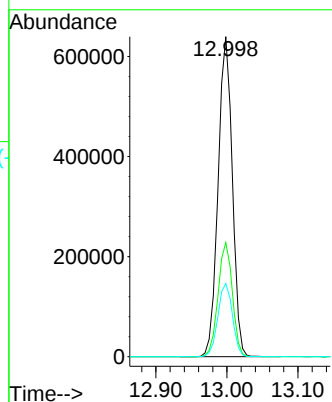
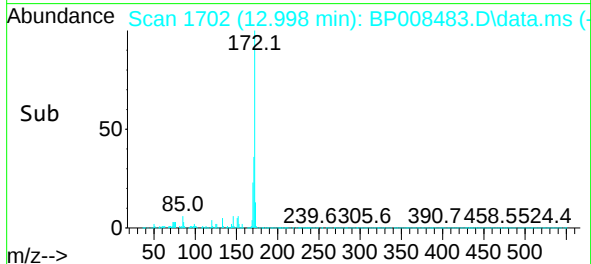
Instrument :
BNA_P
ClientSampleId :
MW-28



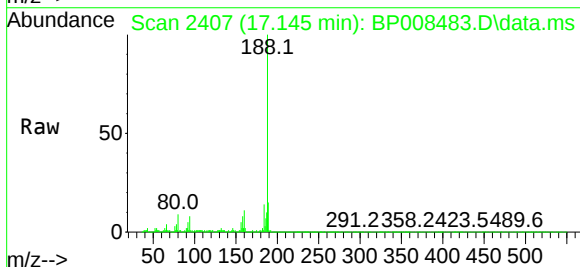
Tgt Ion:172 Resp: 88499
Ion Ratio Lower Upper
172 100
171 35.6 28.0 42.0
170 22.9 18.9 28.3

Manual Integrations
APPROVED

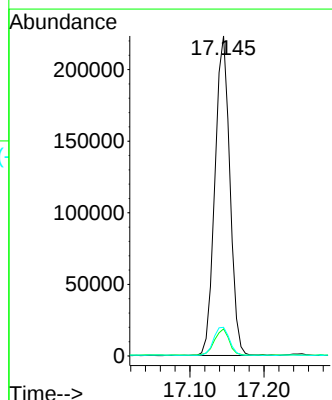
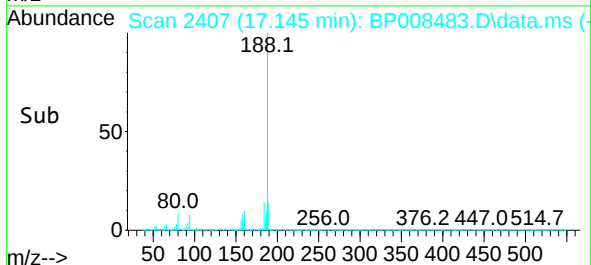
Reviewed By :Christian Giraldo 12/18/2021
Supervised By :Jagrut Upadhyay 12/20/2021

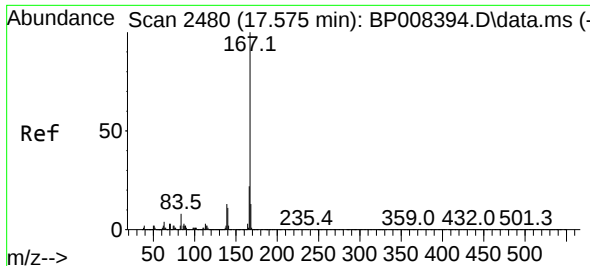


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP008483.D
Acq: 17 Dec 2021 21:51



Tgt Ion:188 Resp: 312495
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 9.0 8.2 12.4





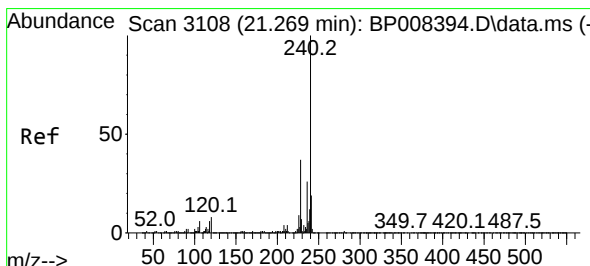
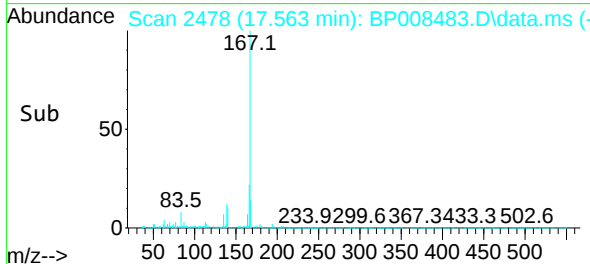
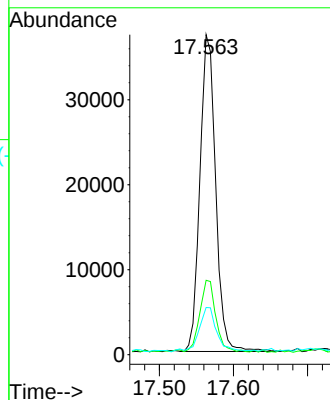
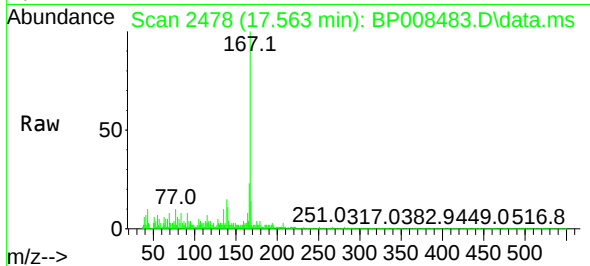
#73
 Carbazole
 Concen: 3.600 ng
 RT: 17.563 min Scan# 2480
 Delta R.T. -0.006 min
 Lab File: BP008483.D
 Acq: 17 Dec 2021 21:51

Instrument :
 BNA_P
 ClientSampleId :
 MW-28

Tgt Ion:167 Resp: 5502
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.4 26.0
 139 14.8 10.2 15.2

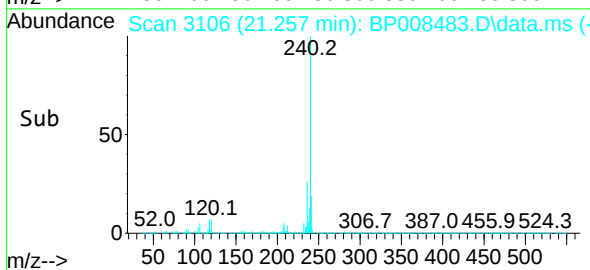
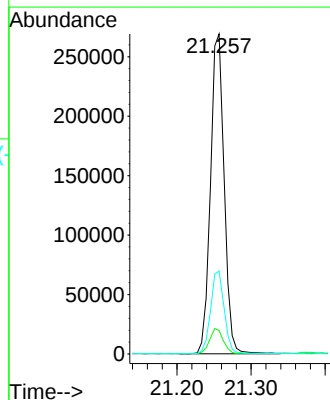
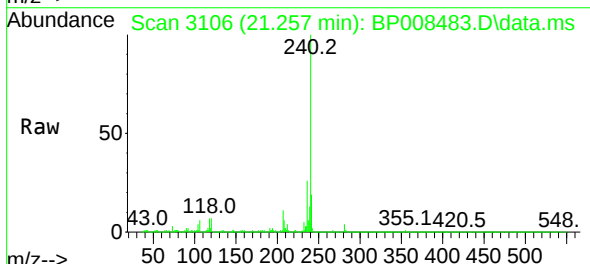
Manual Integrations
 APPROVED

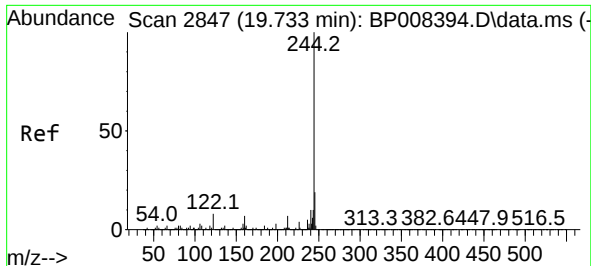
Reviewed By :Christian Giraldo 12/18/2021
 Supervised By :Jagrut Upadhyay 12/20/2021



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.257 min Scan# 3106
 Delta R.T. -0.006 min
 Lab File: BP008483.D
 Acq: 17 Dec 2021 21:51

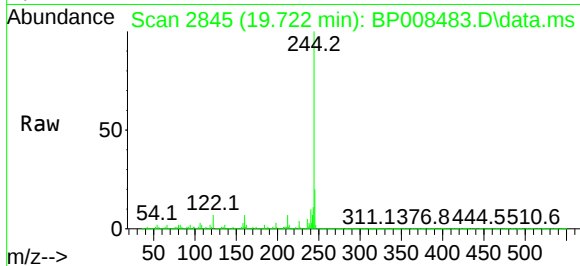
Tgt Ion:240 Resp: 344224
 Ion Ratio Lower Upper
 240 100
 120 7.3 7.3 10.9
 236 25.9 21.4 32.2





#79
 Terphenyl-d14
 Concen: 70.975 ng
 RT: 19.722 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008483.D
 Acq: 17 Dec 2021 21:51

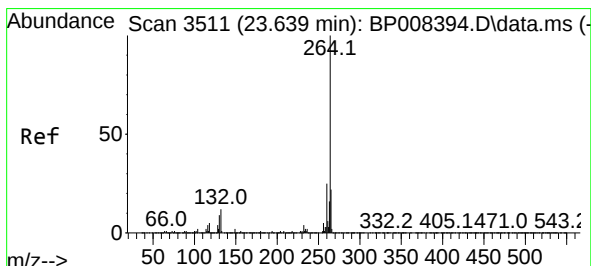
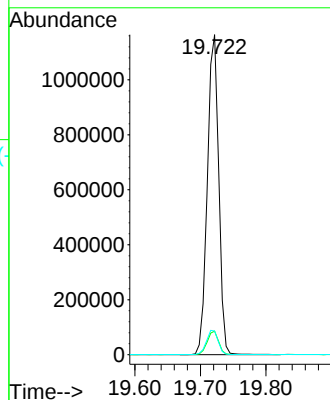
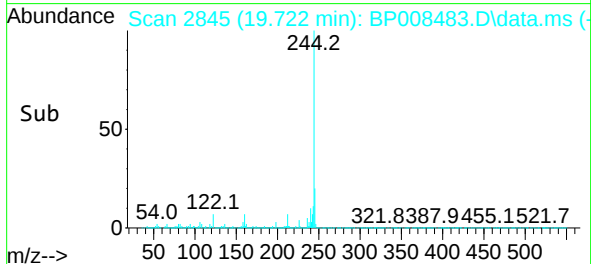
Instrument :
 BNA_P
 ClientSampleId :
 MW-28



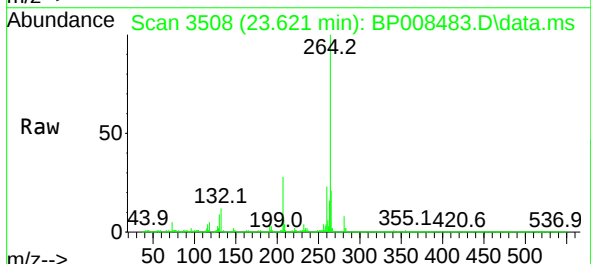
Tgt Ion:244 Resp: 140379
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 7.4 6.6 9.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/18/2021
 Supervised By :Jagrut Upadhyay 12/20/2021



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.621 min Scan# 3508
 Delta R.T. -0.012 min
 Lab File: BP008483.D
 Acq: 17 Dec 2021 21:51



Tgt Ion:264 Resp: 375397
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.3 17.6 26.4

