

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033421.D
 Acq On : 11 Dec 2021 20:30
 Operator : CG/JU
 Sample : M4990-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R1-COMP

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/13/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 12 00:39:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 12 00:15:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	34524	20.00	ng	0.00
21) Naphthalene-d8	10.696	136	133813	20.00	ng	# 0.00
39) Acenaphthene-d10	14.525	164	95793	20.00	ng	0.00
64) Phenanthrene-d10	17.266	188	228763	20.00	ng	# 0.00
76) Chrysene-d12	21.430	240	257665	20.00	ng	# 0.00
86) Perylene-d12	23.748	264	257358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	286302	136.05	ng	0.00
7) Phenol-d6	7.072	99	349097	118.97	ng	0.00
23) Nitrobenzene-d5	9.060	82	316192	100.33	ng	0.00
42) 2,4,6-Tribromophenol	16.013	330	193628	188.96	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	694935	100.35	ng	0.00
79) Terphenyl-d14	19.877	244	1394203	100.25	ng	0.00
Target Compounds						
32) Benzoic acid	9.978	122	3426m	2.68	ng	Qvalue

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

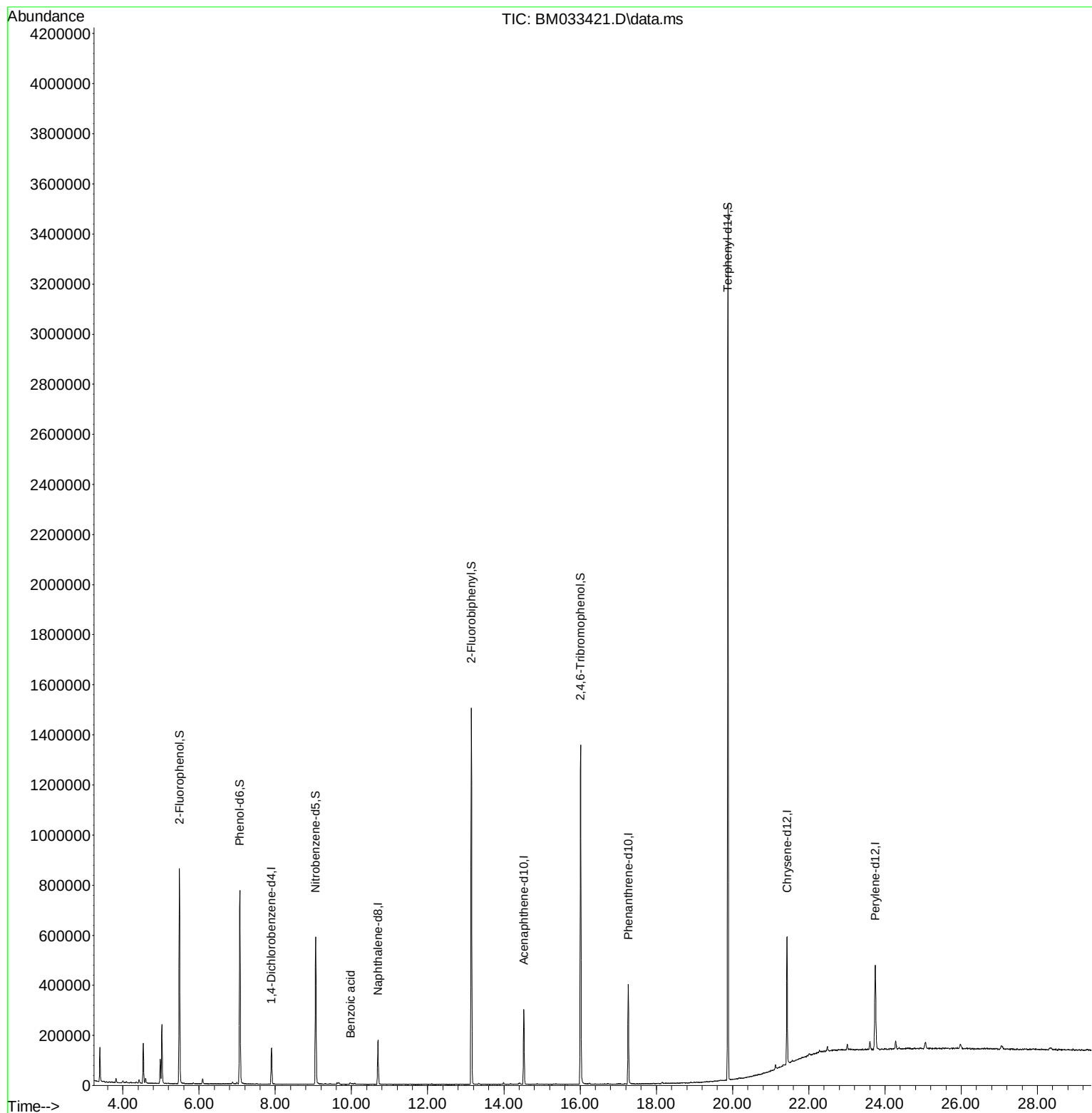
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
Data File : BM033421.D
Acq On : 11 Dec 2021 20:30
Operator : CG/JU
Sample : M4990-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

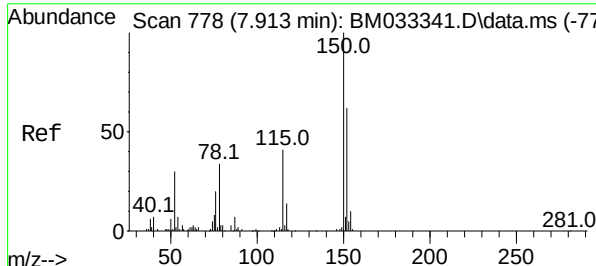
Instrument :
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Quant Time: Dec 12 00:39:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
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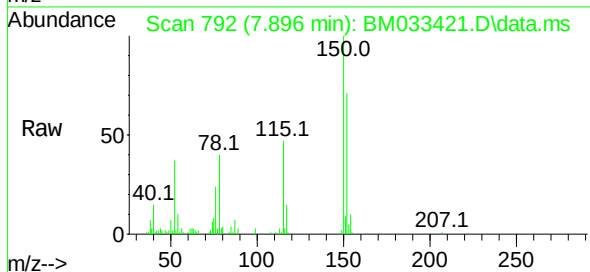
Scan 778 (7.913 min): BM033341.D\data.ms (-770) (#1)
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.896 min Scan#
 Delta R.T. -0.005 min
 Lab File: BM033421.D
 Acq: 11 Dec 2021 20:30

Instrument :

BNA_M

ClientSampleId :

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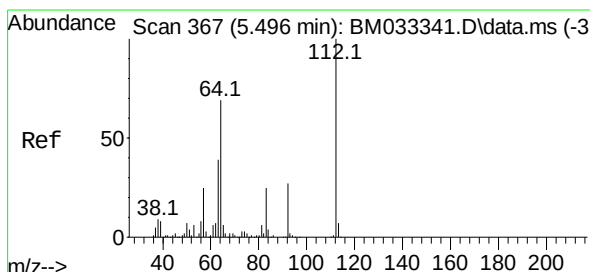
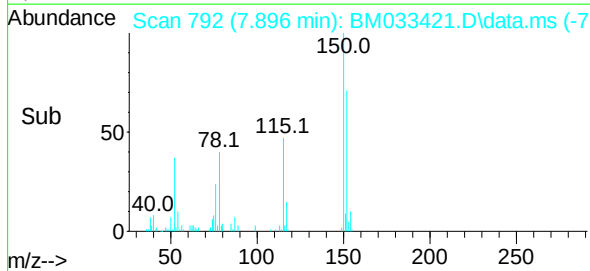
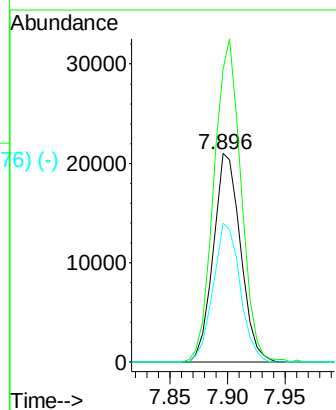


Tgt Ion:152 Resp: 3452
 Ion Ratio Lower Upper
 152 100
 150 140.5 128.9 193.3
 115 66.6 53.0 79.6

Manual Integrations

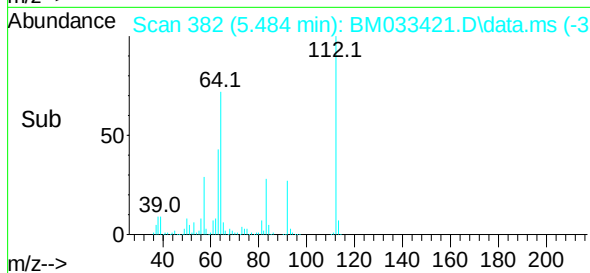
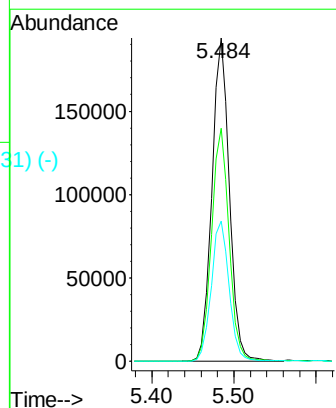
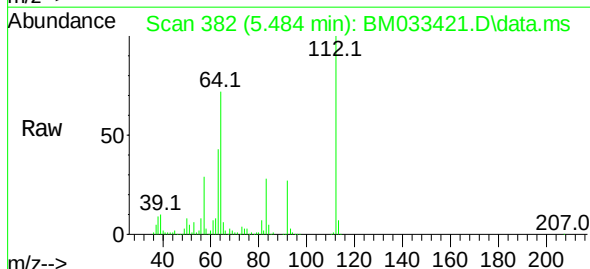
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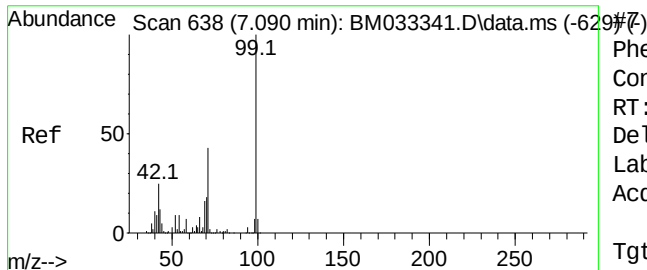
Reviewed By :Christian Giraldo 12/13/2021
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Scan 367 (5.496 min): BM033341.D\data.ms (-359) (#5)
 2-Fluorophenol
 Concen: 136.05 ng
 RT: 5.484 min Scan# 382
 Delta R.T. 0.000 min
 Lab File: BM033421.D
 Acq: 11 Dec 2021 20:30

Tgt Ion:112 Resp: 286302
 Ion Ratio Lower Upper
 112 100
 64 72.0 55.5 83.3
 63 43.4 31.3 46.9





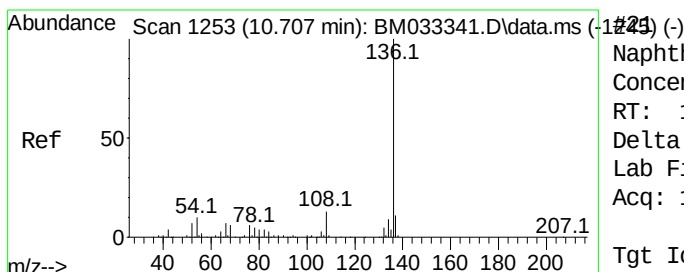
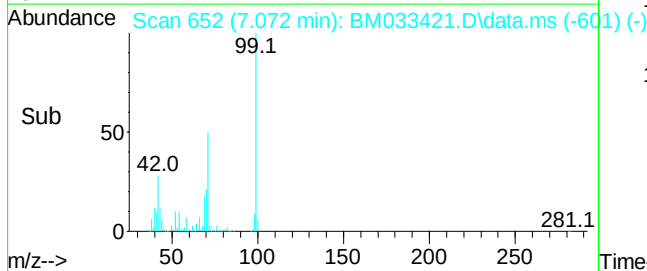
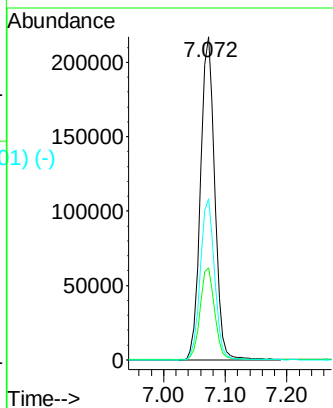
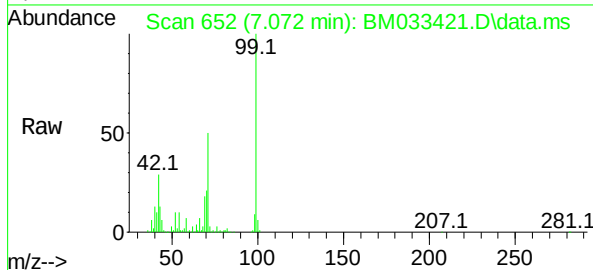
Phenol-d6
 Concen: 118.97 ng
 RT: 7.072 min Scan# 1268
 Delta R.T. 0.000 min
 Lab File: BM033421.D
 Acq: 11 Dec 2021 20:30

Instrument :
 BNA_M
 ClientSampleId :
 R1-COMP

Tgt Ion: 99 Resp: 34909
 Ion Ratio Lower Upper
 99 100
 42 28.6 20.3 30.5
 71 50.0 34.5 51.7

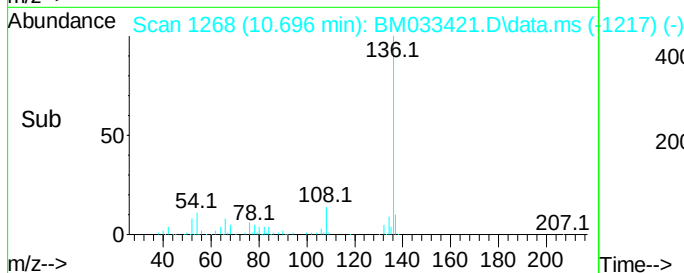
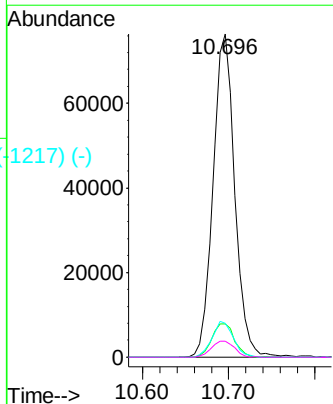
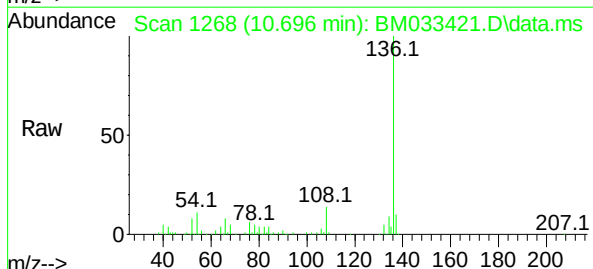
Manual Integrations
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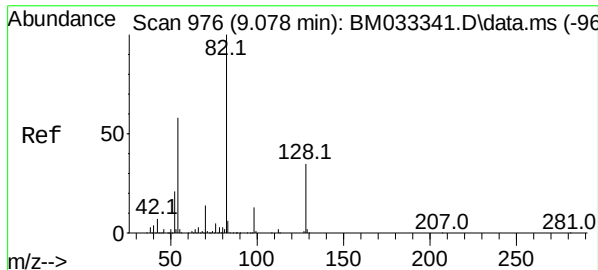
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.696 min Scan# 1268
 Delta R.T. 0.000 min
 Lab File: BM033421.D
 Acq: 11 Dec 2021 20:30

Tgt Ion:136 Resp: 133813
 Ion Ratio Lower Upper
 136 100
 137 10.3 8.6 13.0
 54 10.5 8.3 12.5
 68 5.0 5.0 7.6#





Nitrobenzene-d5

Concen: 100.33 ng

RT: 9.060 min Scan# 1146

Delta R.T. -0.005 min

Lab File: BM033421.D

Acq: 11 Dec 2021 20:30

Instrument :

BNA_M

ClientSampleId :

R1-COMP

Tgt Ion: 82 Resp: 31619

Ion Ratio Lower Upper

82 100

128 32.1 28.1 42.1

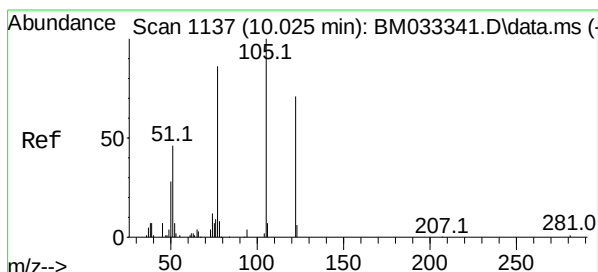
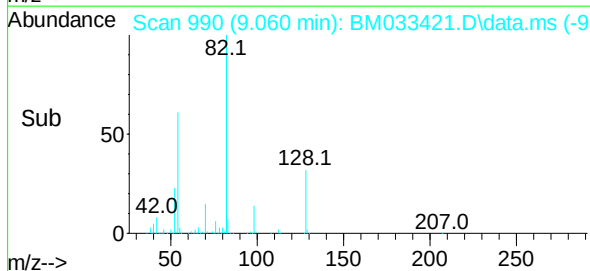
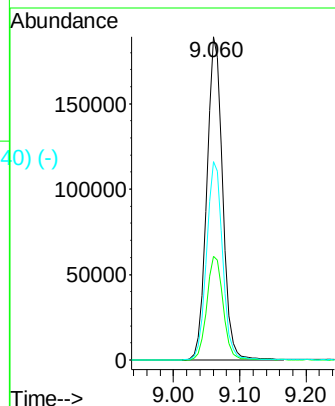
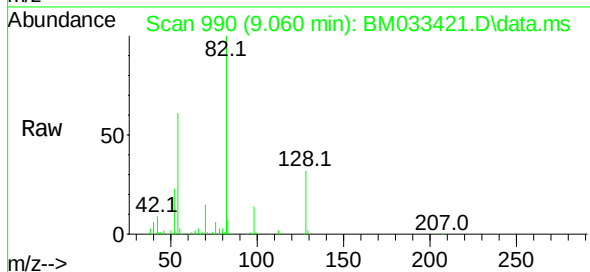
54 61.4 46.1 69.1

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Benzoic acid

Concen: 2.68 ng m

RT: 9.978 min Scan# 1146

Delta R.T. -0.041 min

Lab File: BM033421.D

Acq: 11 Dec 2021 20:30

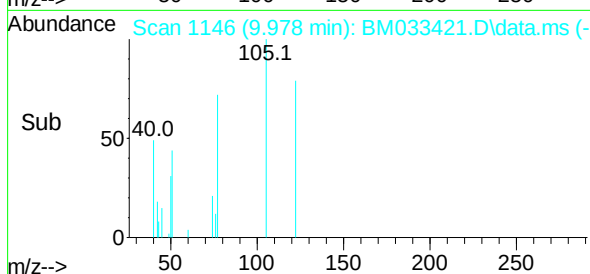
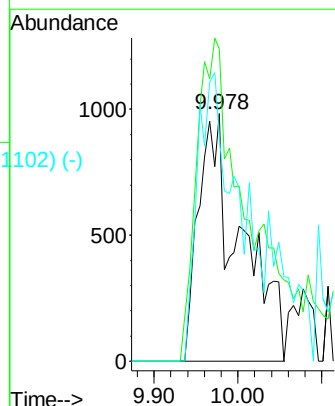
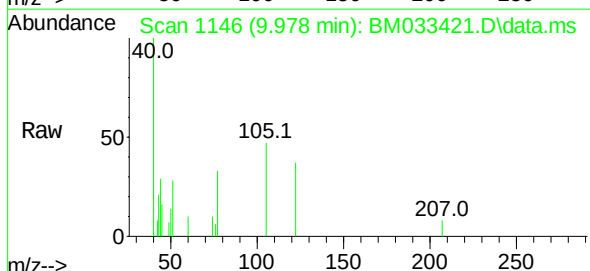
Tgt Ion:122 Resp: 3426

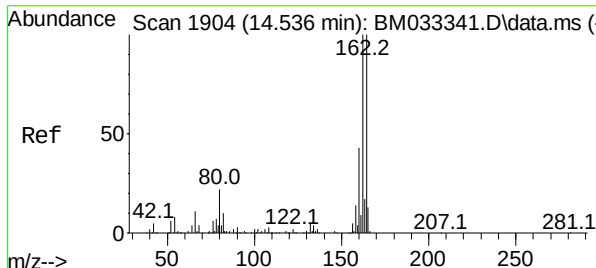
Ion Ratio Lower Upper

122 100

105 126.2 119.6 159.6

77 90.7 101.0 141.0#





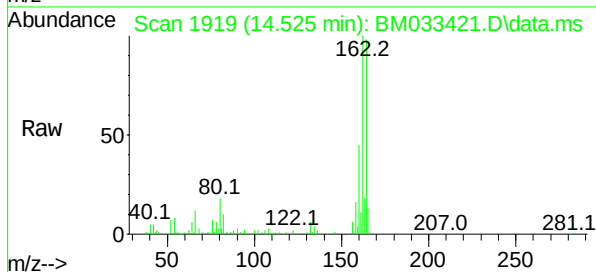
Scan 1904 (14.536 min): BM033341.D\data.ms (-1868) (-)
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.525 min Scan# 1869
 Delta R.T. 0.000 min
 Lab File: BM033421.D
 Acq: 11 Dec 2021 20:30

Instrument :

BNA_M

ClientSampleId :

R1-COMP

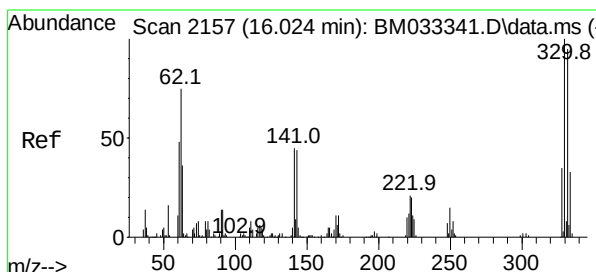
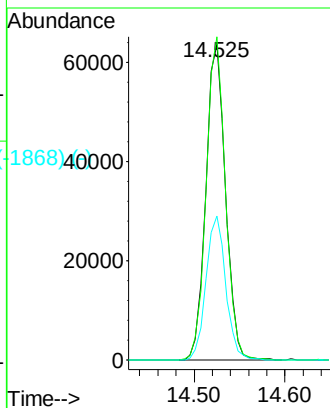
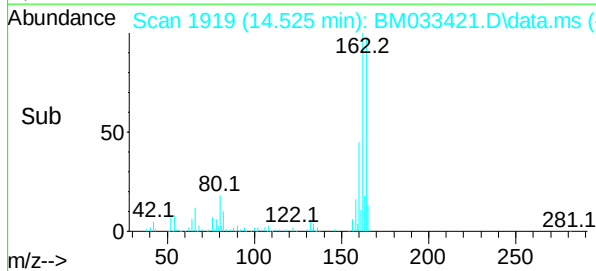


Tgt Ion:164 Resp: 9579
 Ion Ratio Lower Upper
 164 100
 162 102.5 79.7 119.5
 160 45.7 34.2 51.4

Manual Integrations

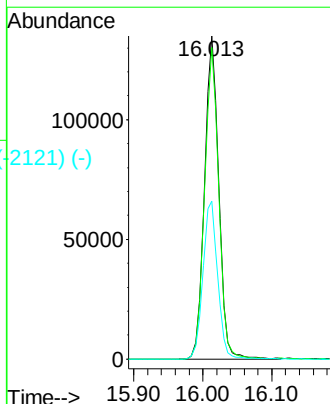
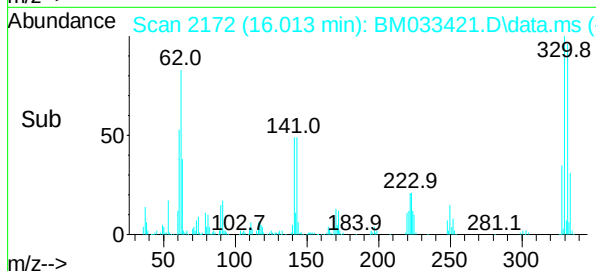
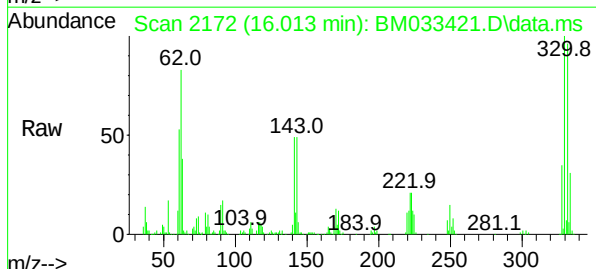
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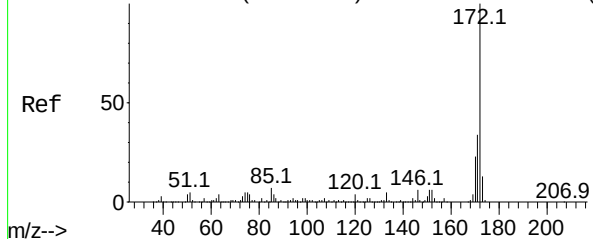


Scan 2157 (16.024 min): BM033341.D\data.ms (-2140) (-)
 2,4,6-Tribromophenol
 Concen: 188.96 ng
 RT: 16.013 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: BM033421.D
 Acq: 11 Dec 2021 20:30

Tgt Ion:330 Resp: 193628
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.5 114.7
 141 50.5 35.9 53.9



Abundance Scan 1670 (13.160 min): BM033341.D\data.ms (-1665) (-)



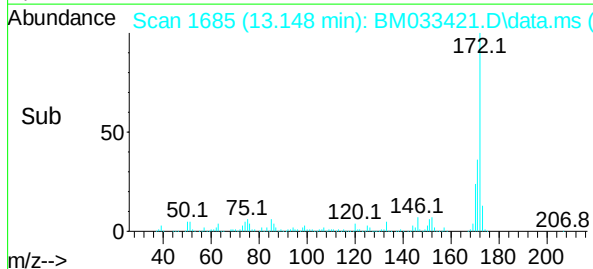
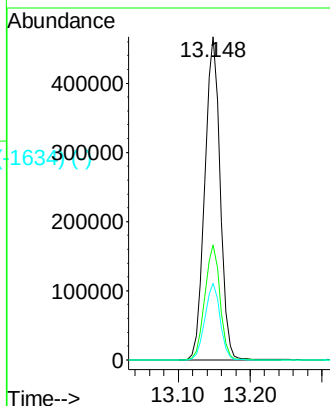
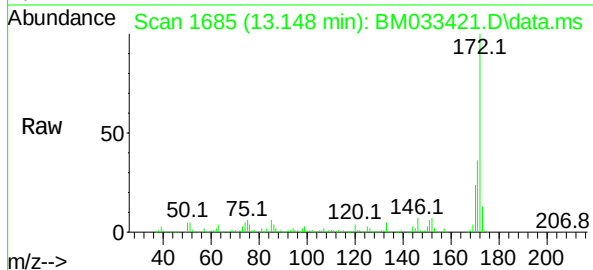
2-Fluorobiphenyl
Concen: 100.35 ng
RT: 13.148 min Scan# 1685
Delta R.T. 0.000 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

Instrument :
BNA_M
ClientSampleId :
R1-COMP

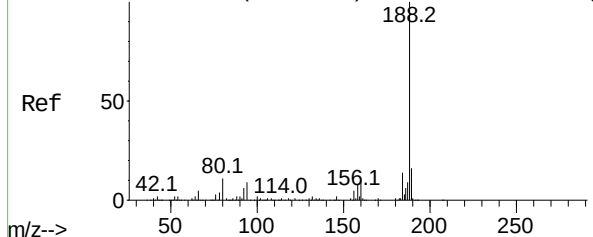
Tgt Ion:172 Resp: 69493
Ion Ratio Lower Upper
172 100
171 35.6 27.2 40.8
170 23.7 18.7 28.1

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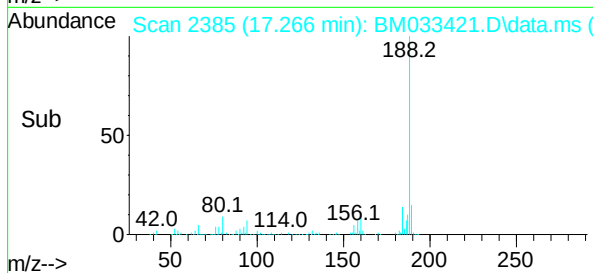
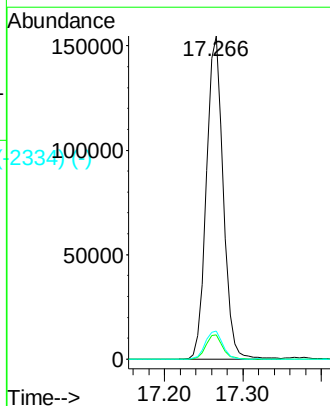
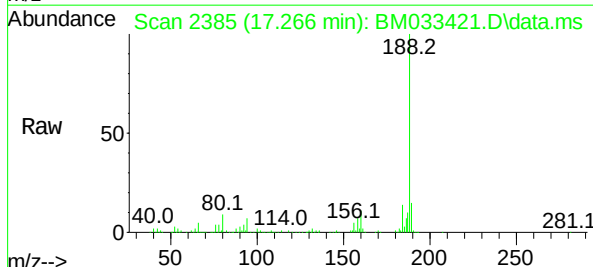


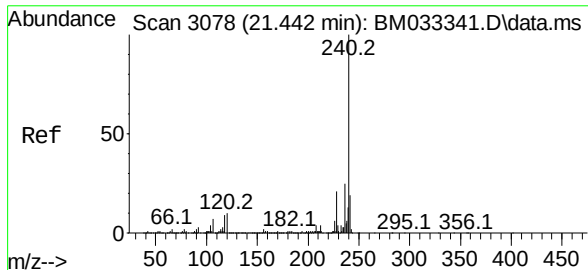
Abundance Scan 2370 (17.277 min): BM033341.D\data.ms (-2364) (-)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.266 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BM033421.D
Acq: 11 Dec 2021 20:30

Tgt Ion:188 Resp: 228763
Ion Ratio Lower Upper
188 100
94 7.5 7.5 11.3#
80 8.6 8.9 13.3#





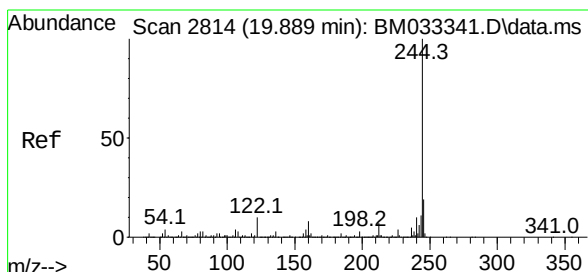
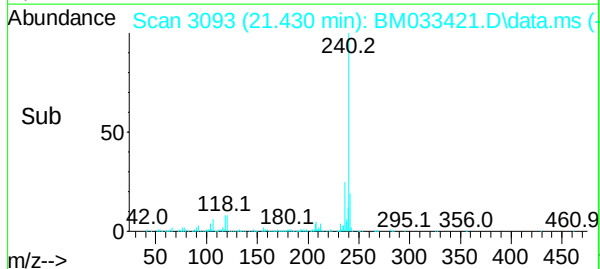
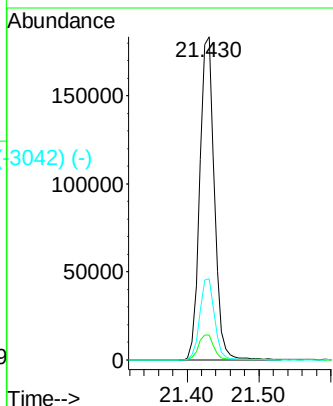
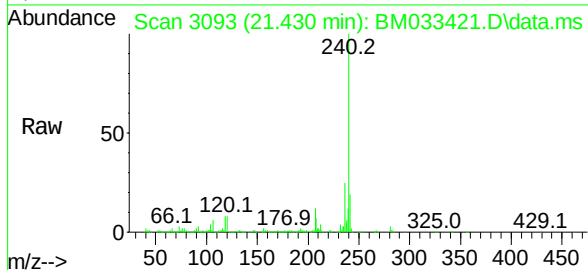
Chrysene-d12
 Concen: 20.00 ng
 RT: 21.430 min Scan# 3078
 Delta R.T. 0.000 min
 Lab File: BM033421.D
 Acq: 11 Dec 2021 20:30

Instrument :
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Tgt Ion:240 Resp: 25760
 Ion Ratio Lower Upper
 240 100
 120 7.6 7.8 11.6
 236 25.2 20.3 30.5

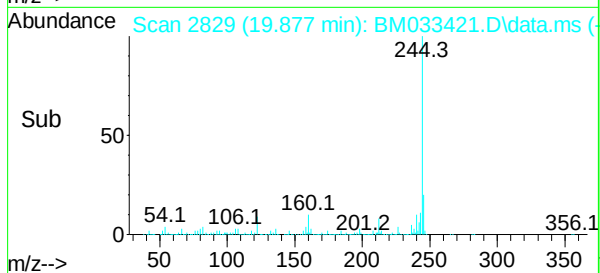
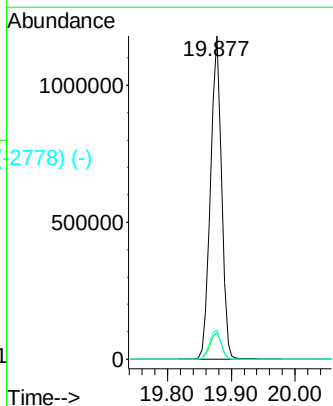
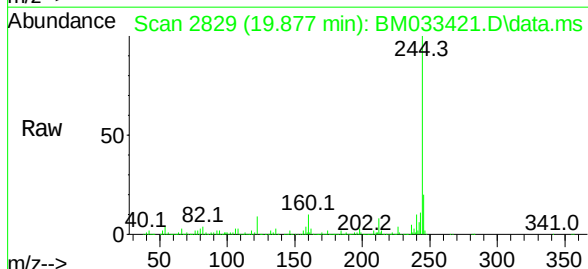
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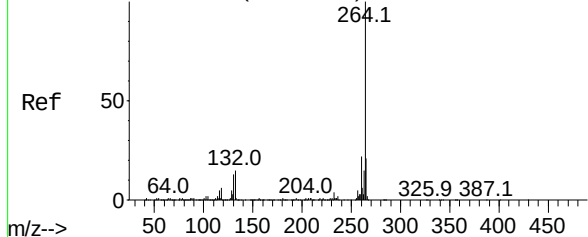


Terphenyl-d14
 Concen: 100.25 ng
 RT: 19.877 min Scan# 2829
 Delta R.T. 0.000 min
 Lab File: BM033421.D
 Acq: 11 Dec 2021 20:30

Tgt Ion:244 Resp: 1394203
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.9 8.9
 122 9.2 8.4 12.6



Abundance Scan 3473 (23.765 min): BM033341.D\data.ms (-3469) (-)



Perylene-d12

Concen: 20.00 ng

RT: 23.748 min Scan#

Delta R.T. -0.006 min

Lab File: BM033421.D

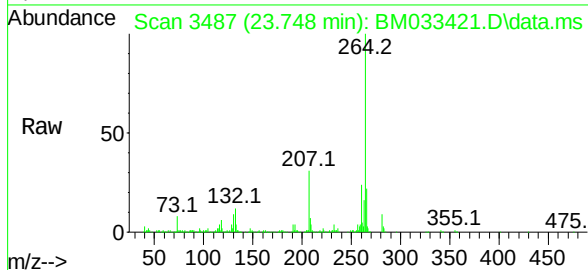
Acq: 11 Dec 2021 20:30

Instrument :

BNA_M

ClientSampleId :

R1-COMP



Tgt Ion:264 Resp: 25735

Ion Ratio Lower Upper

264 100

260 23.7 17.7 26.5

265 22.2 17.7 26.5

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