

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033418.D
 Acq On : 11 Dec 2021 18:41
 Operator : CG/JU
 Sample : M4989-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P5-COMP

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 00:33:14 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	7.901	152	37669	20.00	ng	0.00
21) Naphthalene-d8	10.695	136	151296	20.00	ng	0.00
39) Acenaphthene-d10	14.524	164	108458	20.00	ng	0.00
64) Phenanthrene-d10	17.265	188	259144	20.00	ng	0.00
76) Chrysene-d12	21.424	240	279293	20.00	ng	0.00
86) Perylene-d12	23.747	264	271357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.484	112	291840	127.10	ng	0.00
7) Phenol-d6	7.072	99	356771	111.44	ng	0.00
23) Nitrobenzene-d5	9.060	82	310689	87.19	ng	0.00
42) 2,4,6-Tribromophenol	16.012	330	189372	163.22	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	716007	91.32	ng	0.00
79) Terphenyl-d14	19.877	244	1321210	87.64	ng	0.00
Target Compounds						
32) Benzoic acid	9.960	122	11602m	8.03	ng	Qvalue

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

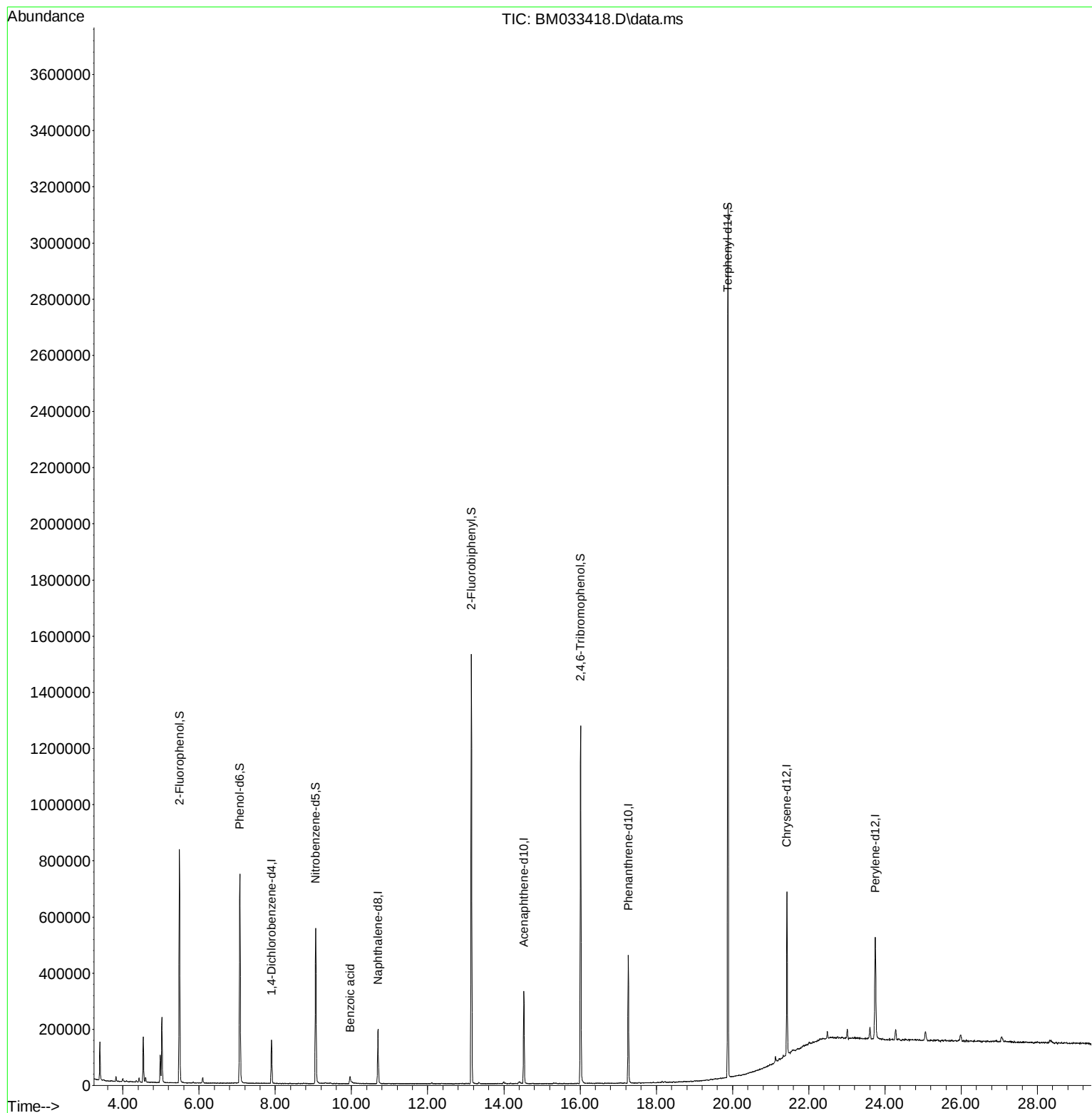
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Data File : BM033418.D
Acq On : 11 Dec 2021 18:41
Operator : CG/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

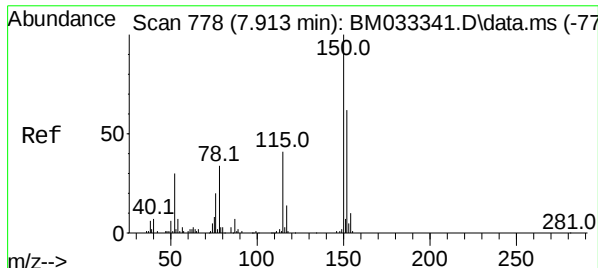
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Quant Time: Dec 12 00:33:14 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
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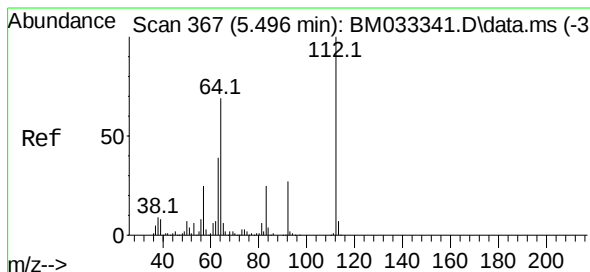
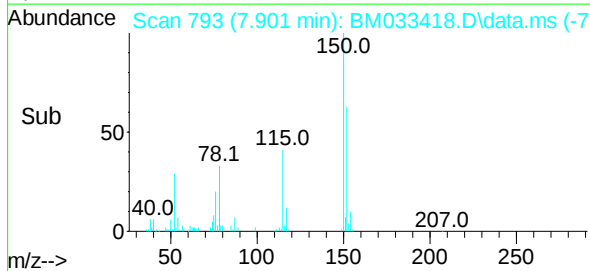
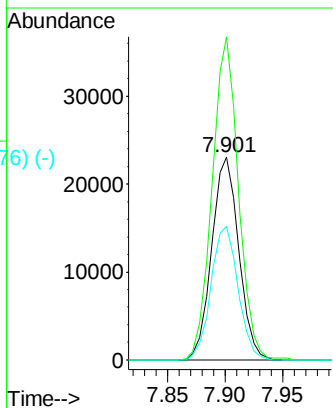
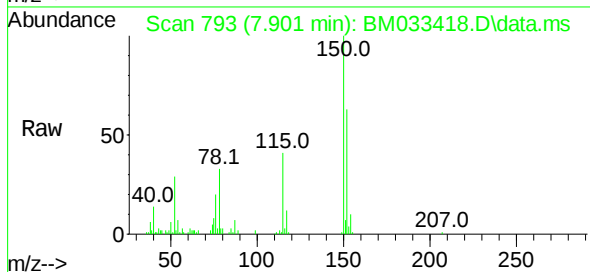
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.901 min Scan#
 Delta R.T. 0.000 min
 Lab File: BM033418.D
 Acq: 11 Dec 2021 18:41

Instrument :
 BNA_M
 ClientSampleId :
 P5-COMP

Tgt Ion:152 Resp: 3760
 Ion Ratio Lower Upper
 152 100
 150 159.2 128.9 193.3
 115 65.9 53.0 79.6

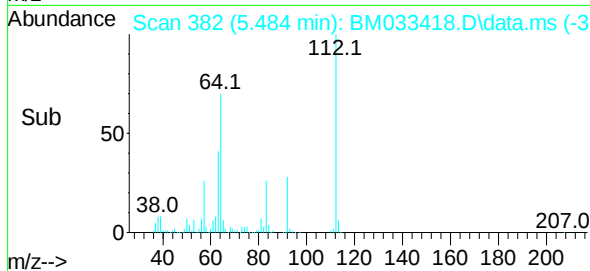
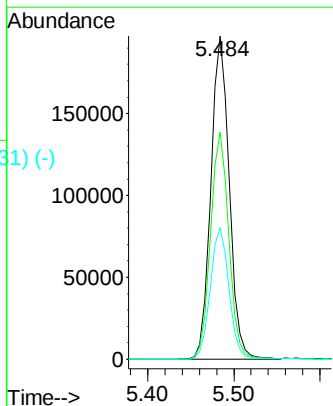
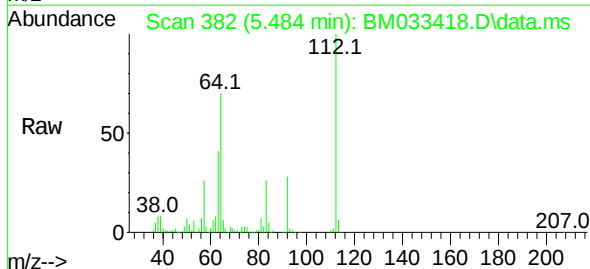
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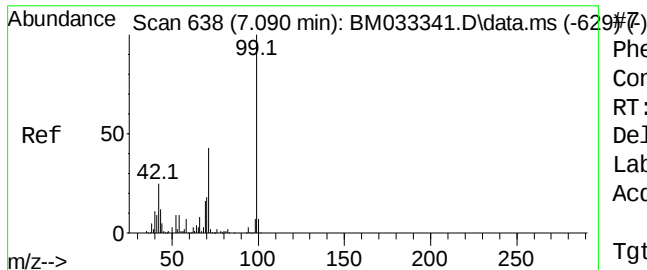
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 Supervised By :Jagrut Upadhyay 12/13/2021



2-Fluorophenol
 Concen: 127.10 ng
 RT: 5.484 min Scan# 382
 Delta R.T. -0.000 min
 Lab File: BM033418.D
 Acq: 11 Dec 2021 18:41

Tgt Ion:112 Resp: 291840
 Ion Ratio Lower Upper
 112 100
 64 70.3 55.5 83.3
 63 40.8 31.3 46.9





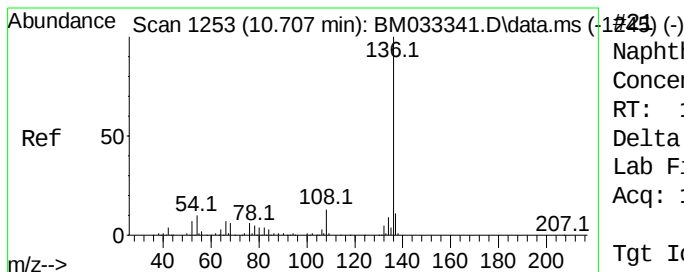
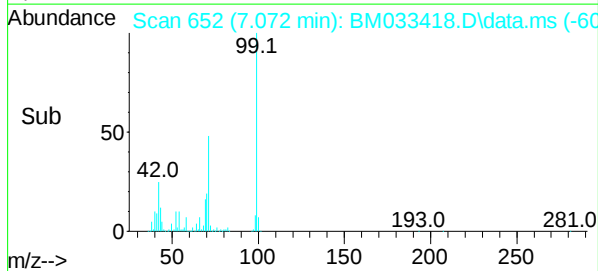
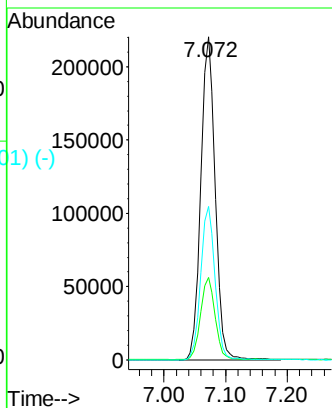
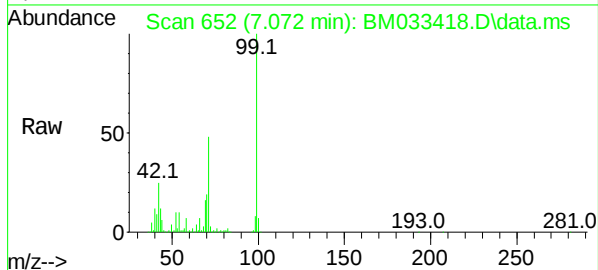
Phenol-d6
 Concen: 111.44 ng
 RT: 7.072 min Scan# 652
 Delta R.T. -0.000 min
 Lab File: BM033418.D
 Acq: 11 Dec 2021 18:41

Instrument :
 BNA_M
 ClientSampleId :
 P5-COMP

Tgt Ion: 99 Resp: 35677
 Ion Ratio Lower Upper
 99 100
 42 25.5 20.3 30.5
 71 47.5 34.5 51.7

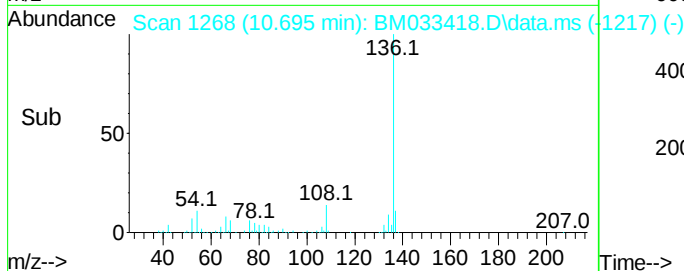
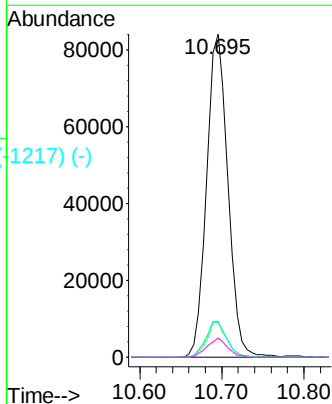
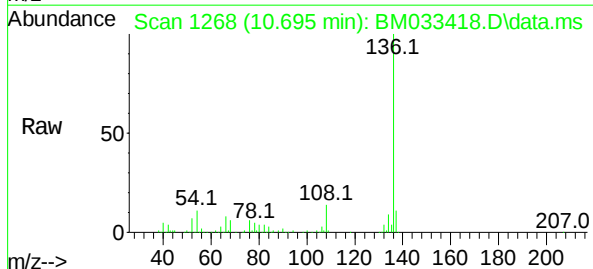
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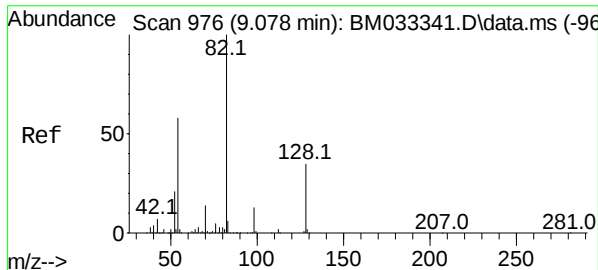
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Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.695 min Scan# 1268
 Delta R.T. -0.000 min
 Lab File: BM033418.D
 Acq: 11 Dec 2021 18:41

Tgt Ion:136 Resp: 151296
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.6 13.0
 54 10.6 8.3 12.5
 68 5.9 5.0 7.6





Nitrobenzene-d5

Concen: 87.19 ng

RT: 9.060 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BM033418.D

Acq: 11 Dec 2021 18:41

Instrument :

BNA_M

ClientSampleId :

P5-COMP

Tgt Ion: 82 Resp: 31068

Ion Ratio Lower Upper

82 100

128 34.5 28.1 42.1

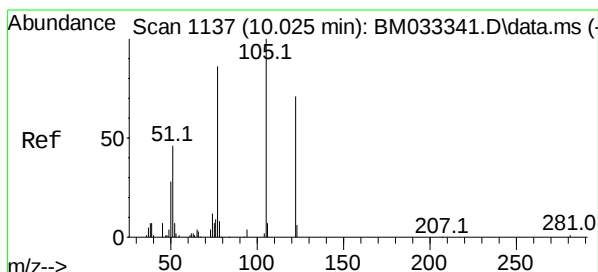
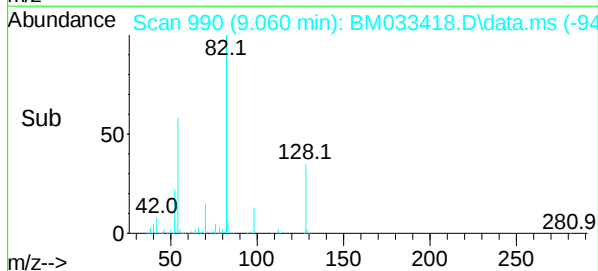
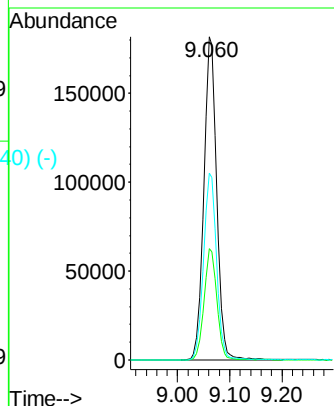
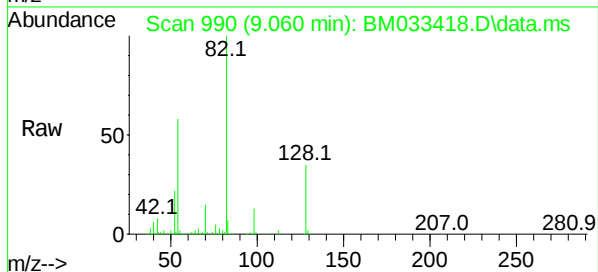
54 57.8 46.1 69.1

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Benzoic acid

Concen: 8.03 ng m

RT: 9.960 min Scan# 1143

Delta R.T. -0.059 min

Lab File: BM033418.D

Acq: 11 Dec 2021 18:41

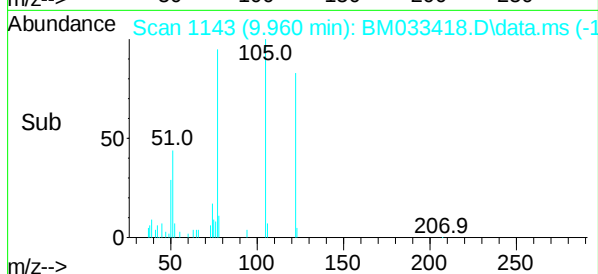
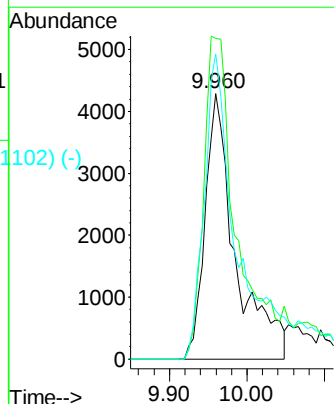
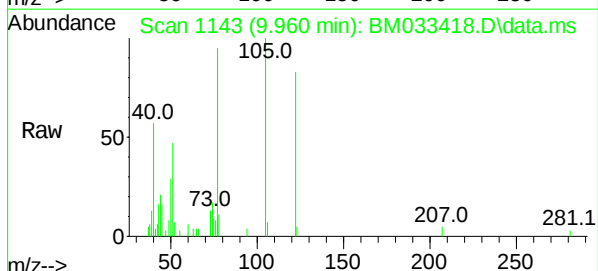
Tgt Ion:122 Resp: 11602

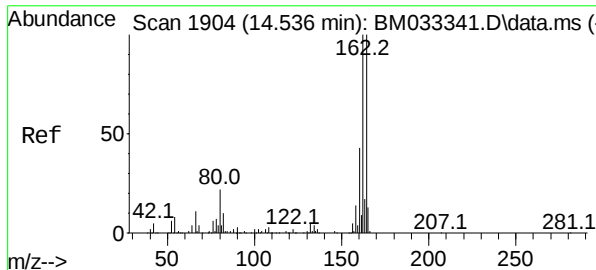
Ion Ratio Lower Upper

122 100

105 120.6 119.6 159.6

77 114.9 101.0 141.0





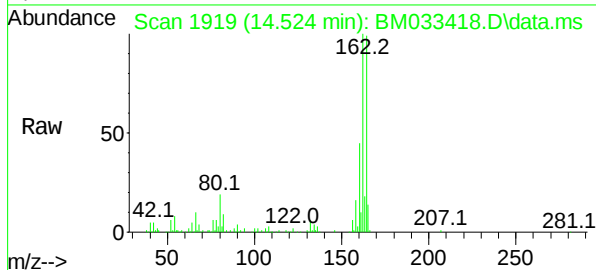
Scan 1904 (14.536 min): BM033341.D\data.ms (-1839) (-)
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.524 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BM033418.D
 Acq: 11 Dec 2021 18:41

Instrument :

BNM

ClientSampleId :

P5-COMP

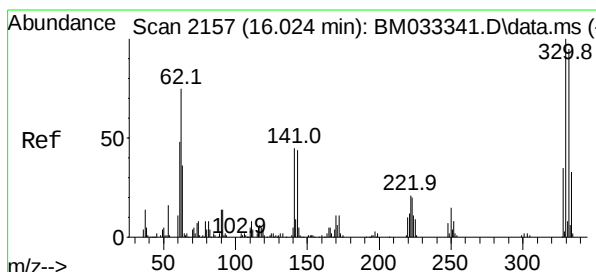
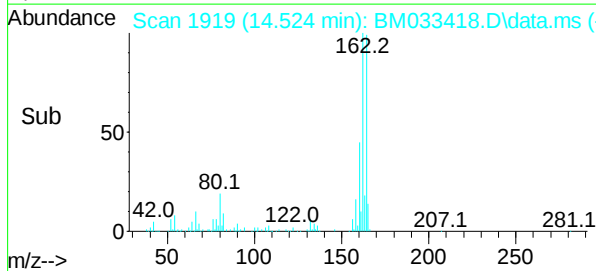
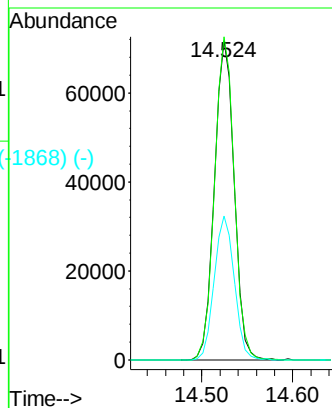


Tgt Ion:164 Resp: 10845
 Ion Ratio Lower Upper
 164 100
 162 101.2 79.7 119.5
 160 45.1 34.2 51.4

Manual Integrations

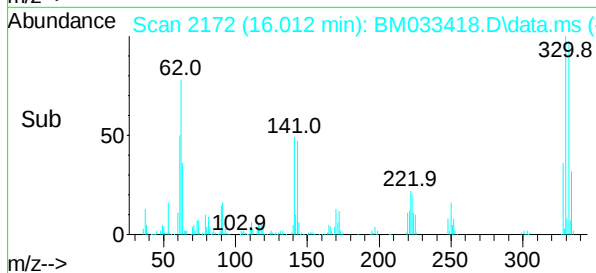
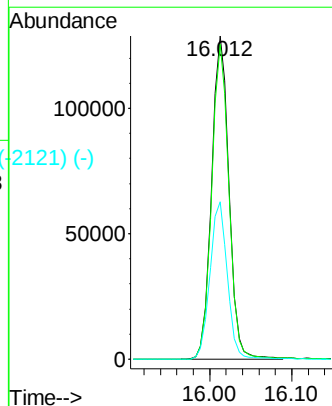
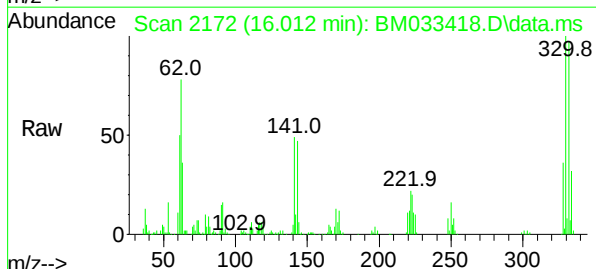
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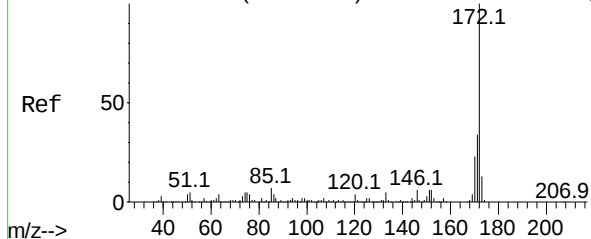


Scan 2157 (16.024 min): BM033341.D\data.ms (-2140) (-)
 2,4,6-Tribromophenol
 Concen: 163.22 ng
 RT: 16.012 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: BM033418.D
 Acq: 11 Dec 2021 18:41

Tgt Ion:330 Resp: 189372
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.5 114.7
 141 48.7 35.9 53.9



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



2-Fluorobiphenyl
Concen: 91.32 ng
RT: 13.148 min Scan# 1665
Delta R.T. -0.000 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

Instrument :

BNA_M

ClientSampleId :

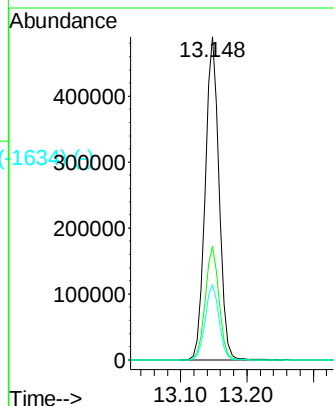
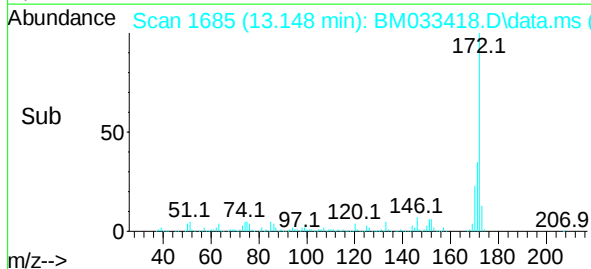
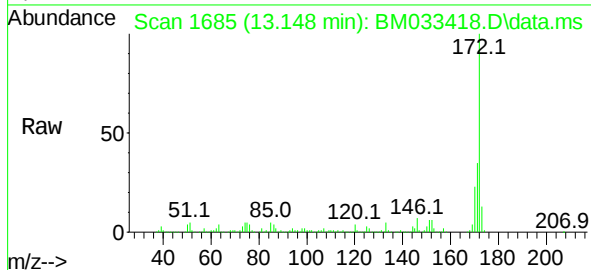
P5-COMP

Tgt Ion:172 Resp: 71600
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 23.4 18.7 28.1

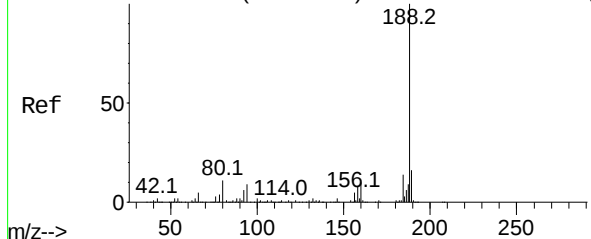
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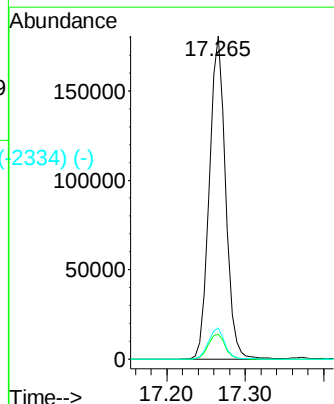
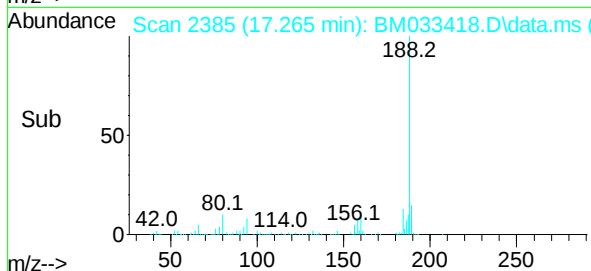
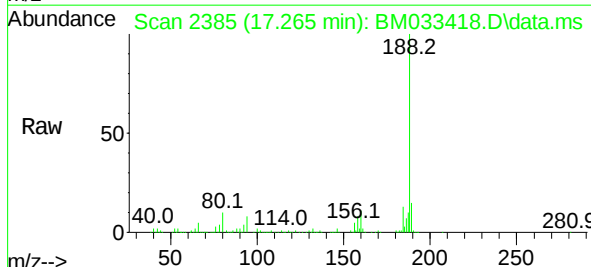


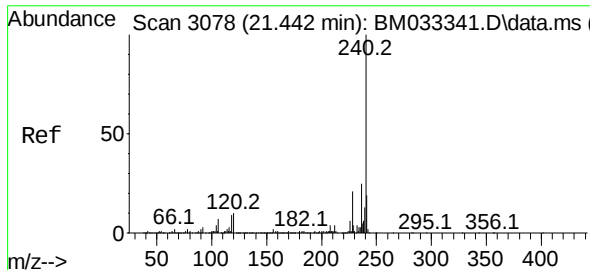
Abundance Scan 2370 (17.277 min): BM033341.D\data.ms (-2362) (-)



Phenanthrene-d10
Concen: 20.00 ng
RT: 17.265 min Scan# 2385
Delta R.T. -0.000 min
Lab File: BM033418.D
Acq: 11 Dec 2021 18:41

Tgt Ion:188 Resp: 259144
Ion Ratio Lower Upper
188 100
94 7.6 7.5 11.3
80 9.8 8.9 13.3





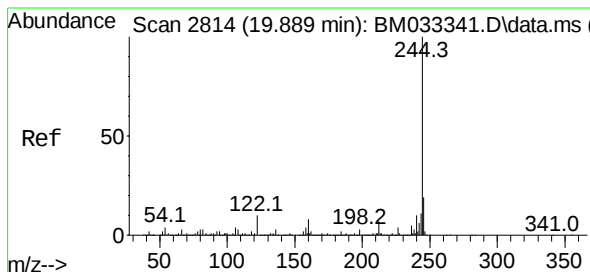
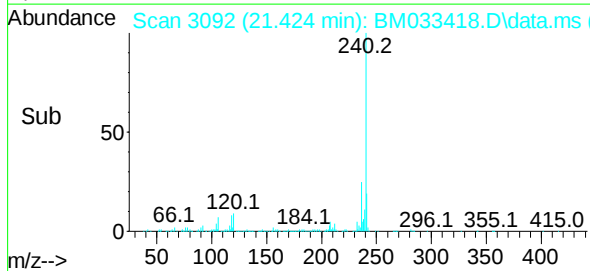
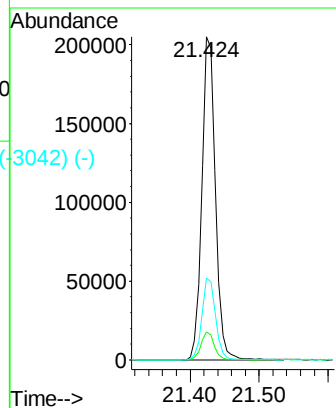
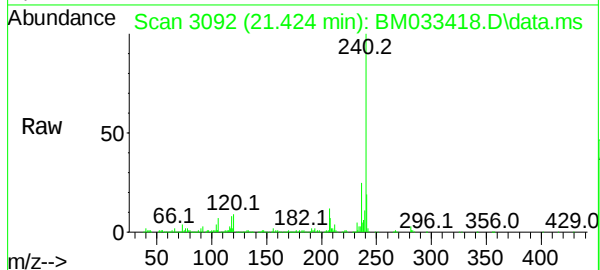
Chrysene-d12
 Concen: 20.00 ng
 RT: 21.424 min Scan# 3078
 Delta R.T. -0.006 min
 Lab File: BM033418.D
 Acq: 11 Dec 2021 18:41

Instrument :
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 ClientSampleId :
 P5-COMP

Tgt Ion:240 Resp: 27929
 Ion Ratio Lower Upper
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 120 8.7 7.8 11.6
 236 25.3 20.3 30.5

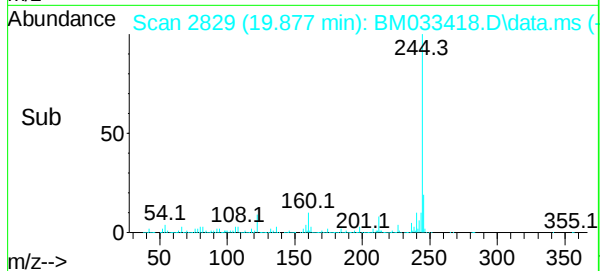
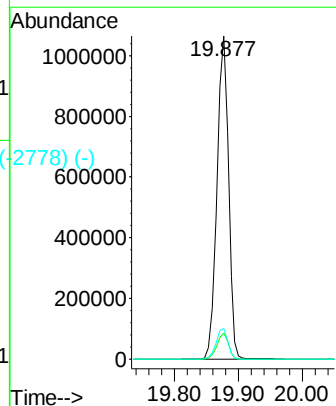
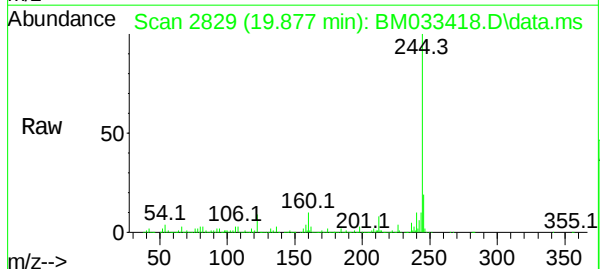
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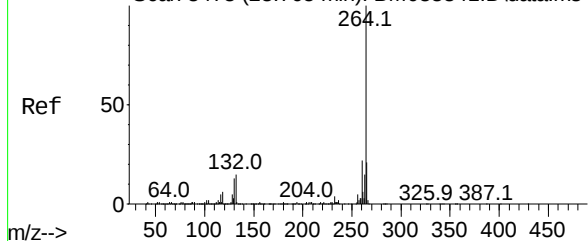


Terphenyl-d14
 Concen: 87.64 ng
 RT: 19.877 min Scan# 2829
 Delta R.T. -0.000 min
 Lab File: BM033418.D
 Acq: 11 Dec 2021 18:41

Tgt Ion:244 Resp: 1321210
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.9 8.9
 122 9.4 8.4 12.6



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



Perylene-d12

Concen: 20.00 ng

RT: 23.747 min Scan#

Delta R.T. -0.006 min

Lab File: BM033418.D

Acq: 11 Dec 2021 18:41

Instrument :

BNA_M

ClientSampleId :

P5-COMP

Tgt Ion:264 Resp: 27135

Ion Ratio Lower Upper

264 100

260 23.6 17.7 26.5

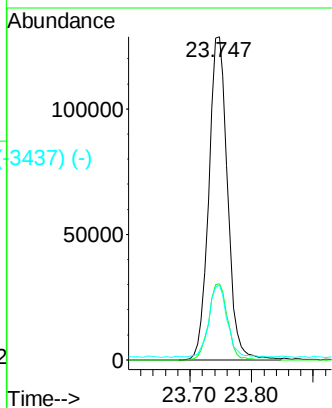
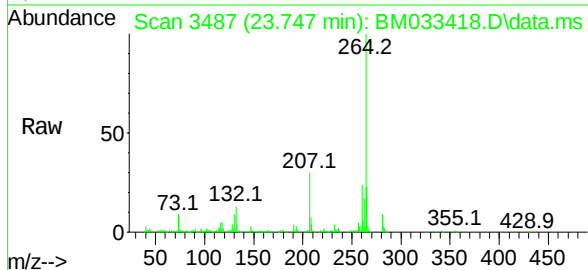
265 23.2 17.7 26.5

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Abundance Scan 3487 (23.747 min): BM033418.D\data.ms (-3437) (-)

