

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
 Data File : BM033398.D
 Acq On : 10 Dec 2021 17:25
 Operator : CG/JU
 Sample : M4965-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RED-WALL-CONCRETE-COMP

Quant Time: Dec 11 02:12:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 07:11:07 2021
 Response via : Initial Calibration

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

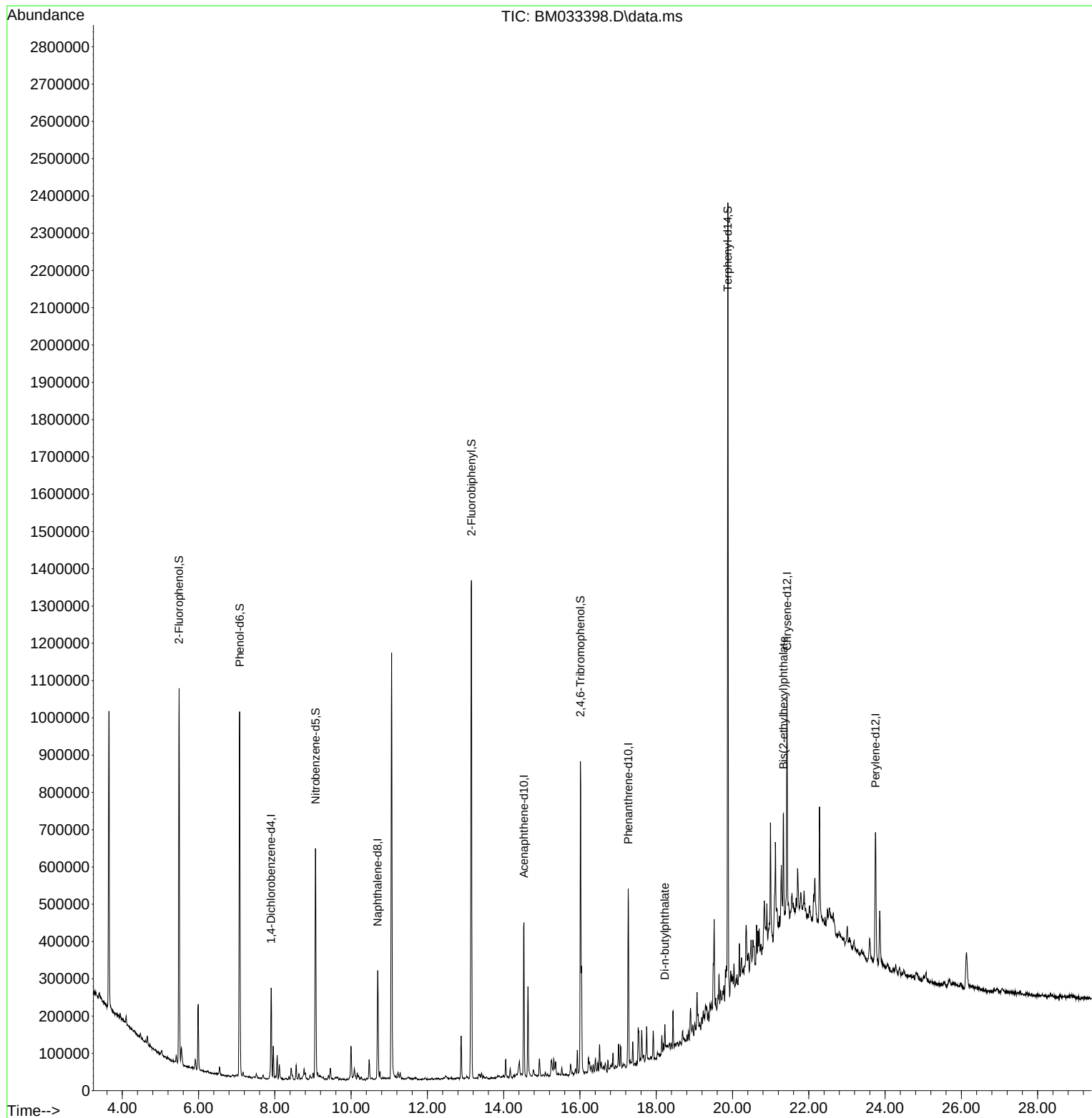
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.901	152	58494	20.000	ng	-0.01
21) Naphthalene-d8	10.695	136	223040	20.000	ng	-0.01
39) Acenaphthene-d10	14.530	164	135623	20.000	ng	0.00
64) Phenanthrene-d10	17.265	188	269514	20.000	ng	-0.01
76) Chrysene-d12	21.430	240	254116	20.000	ng	-0.01
86) Perylene-d12	23.747	264	257016	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	366075	102.670	ng	0.00
7) Phenol-d6	7.078	99	471328	94.805	ng	-0.01
23) Nitrobenzene-d5	9.066	82	345302	65.736	ng	-0.01
42) 2,4,6-Tribromophenol	16.013	330	118652	81.784	ng	-0.01
45) 2-Fluorobiphenyl	13.154	172	639073	65.180	ng	0.00
79) Terphenyl-d14	19.877	244	862194	62.860	ng	-0.01
Target Compounds						
74) Di-n-butylphthalate	18.224	149	49465	3.183	ng	100
84) Bis(2-ethylhexyl)phtha...	21.336	149	74765	7.611	ng	100

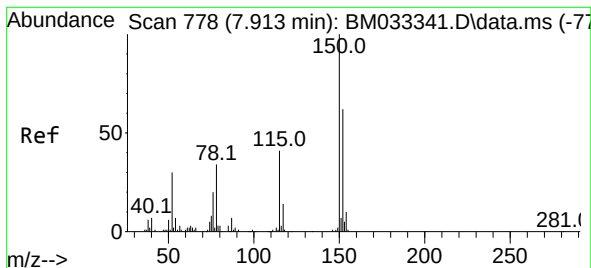
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.901 min Scan# 793

Delta R.T. -0.012 min

Lab File: BM033398.D

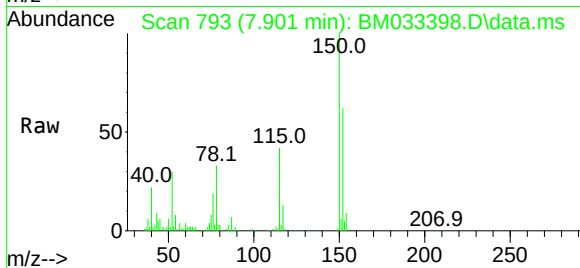
Acq: 10 Dec 2021 17:25

Instrument :

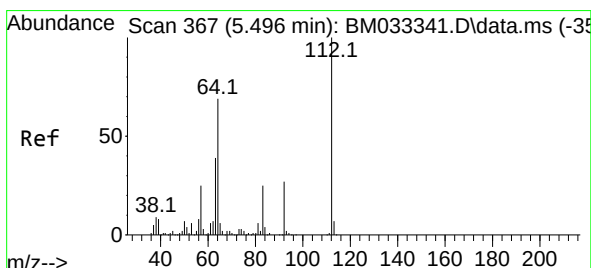
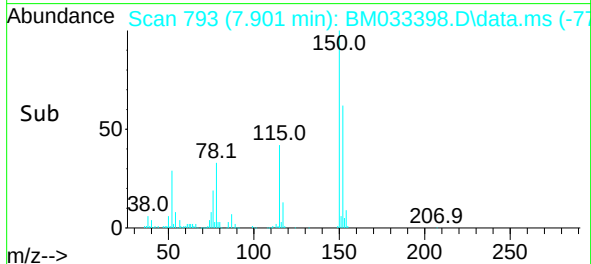
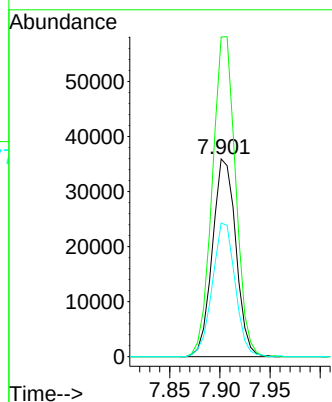
BNA_M

ClientSampleId :

RED-WALL-CONCRETE-COMP



Tgt Ion:	152	Resp:	58494
Ion Ratio	Lower	Upper	
152	100		
150	161.6	128.9	193.3
115	67.6	53.0	79.6



#5

2-Fluorophenol

Concen: 102.670 ng

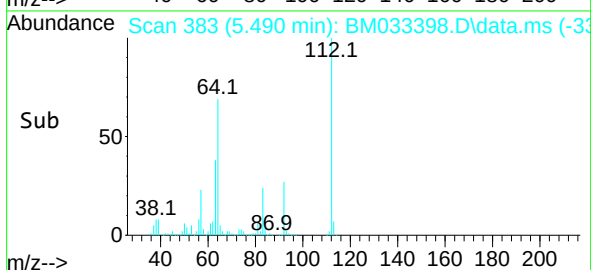
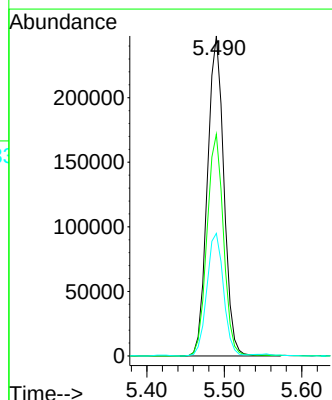
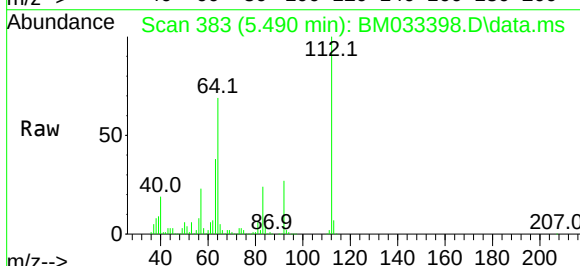
RT: 5.490 min Scan# 383

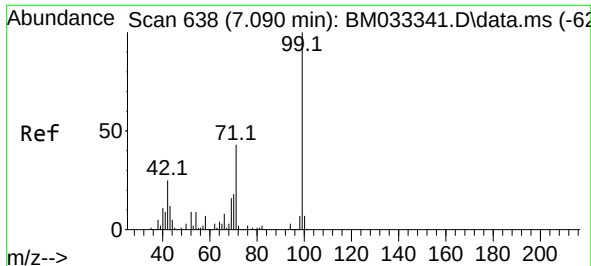
Delta R.T. -0.006 min

Lab File: BM033398.D

Acq: 10 Dec 2021 17:25

Tgt Ion:	112	Resp:	366075
Ion Ratio	Lower	Upper	
112	100		
64	69.3	55.5	83.3
63	38.3	31.3	46.9

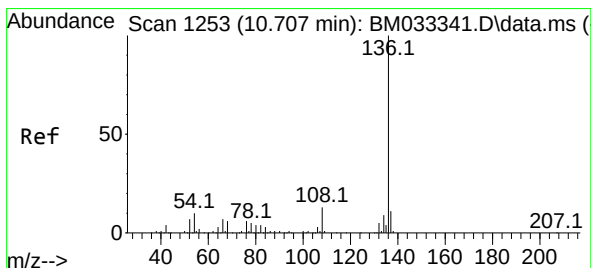
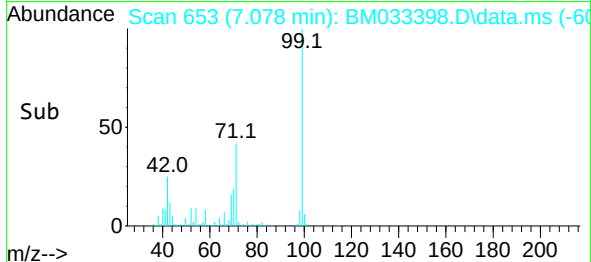
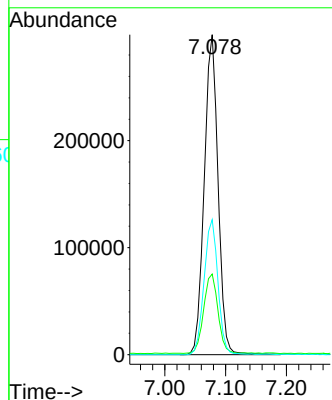
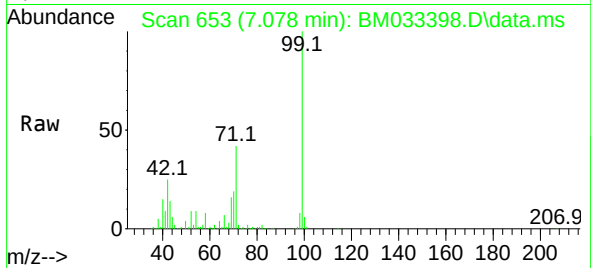




#7
Phenol-d6
Concen: 94.805 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM033398.D
Acq: 10 Dec 2021 17:25

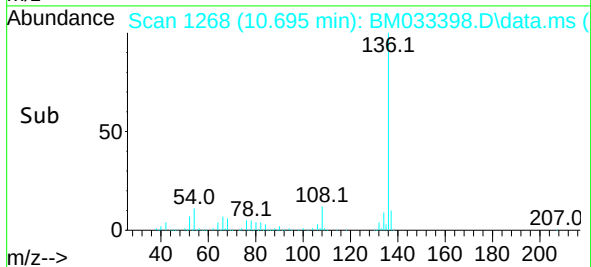
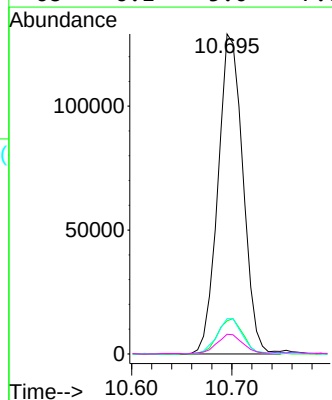
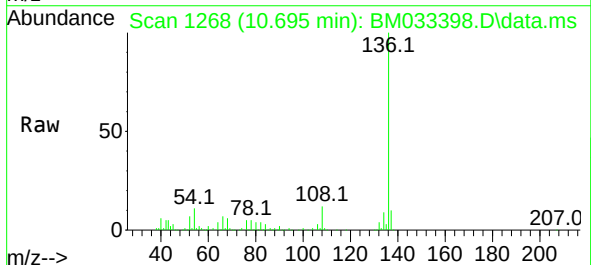
Instrument :
BNA_M
ClientSampleId :
RED-WALL-CONCRETE-COMP

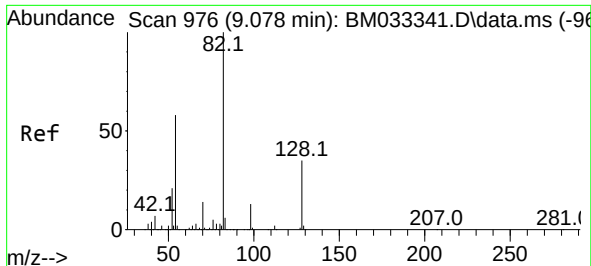
Tgt Ion: 99 Resp: 471328
Ion Ratio Lower Upper
99 100
42 25.2 20.3 30.5
71 42.2 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.695 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BM033398.D
Acq: 10 Dec 2021 17:25

Tgt Ion: 136 Resp: 223040
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 11.1 8.3 12.5
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 65.736 ng

RT: 9.066 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM033398.D

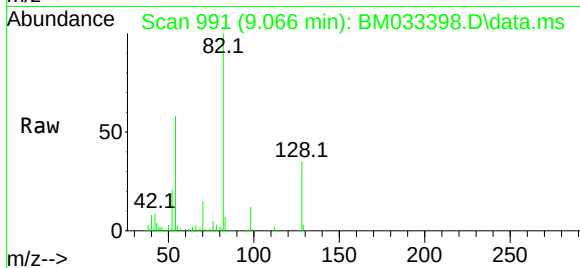
Acq: 10 Dec 2021 17:25

Instrument :

BNA_M

ClientSampleId :

RED-WALL-CONCRETE-COMP



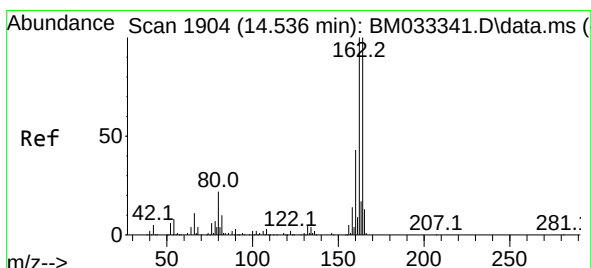
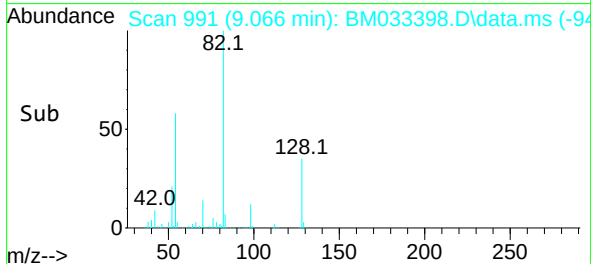
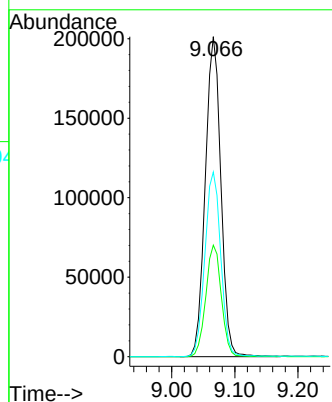
Tgt Ion: 82 Resp: 345302

Ion Ratio Lower Upper

82 100

128 34.8 28.1 42.1

54 57.7 46.1 69.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.530 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BM033398.D

Acq: 10 Dec 2021 17:25

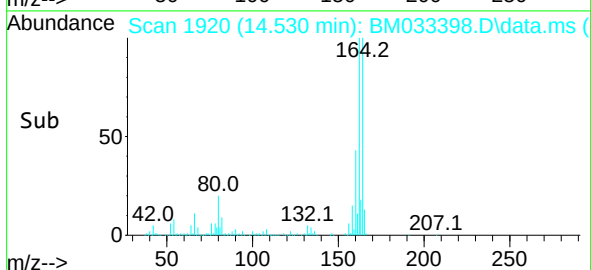
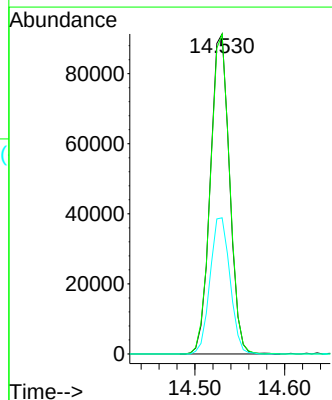
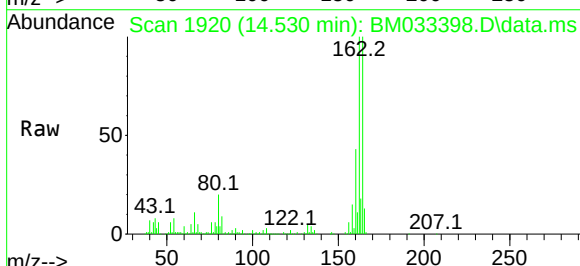
Tgt Ion: 164 Resp: 135623

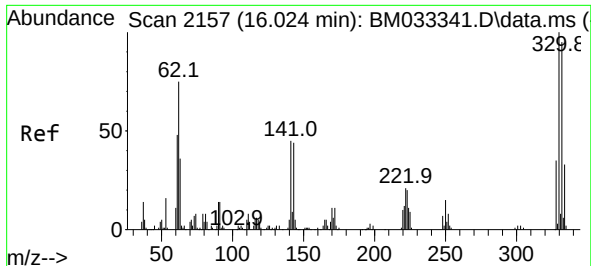
Ion Ratio Lower Upper

164 100

162 99.9 79.7 119.5

160 42.6 34.2 51.4

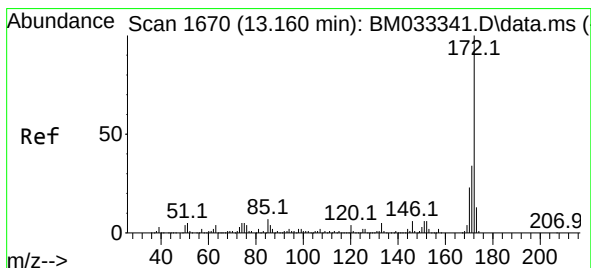
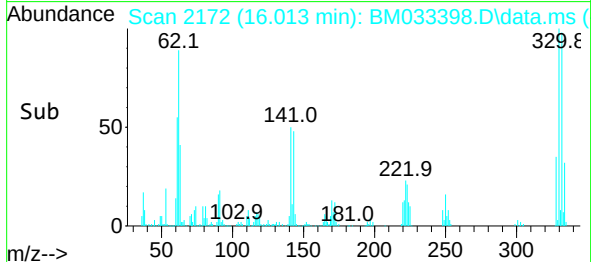
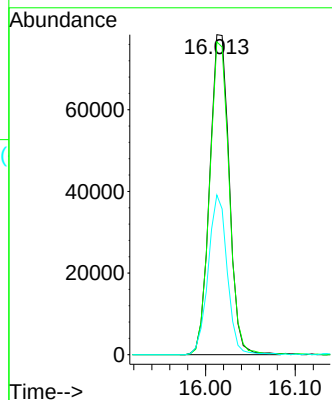
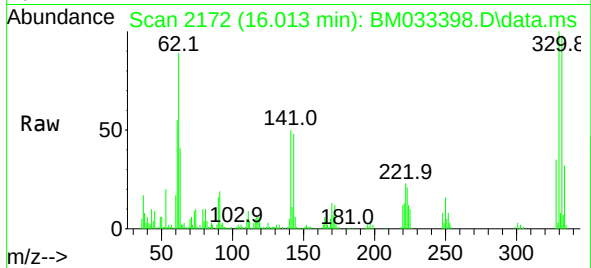




#42
2,4,6-Tribromophenol
Concen: 81.784 ng
RT: 16.013 min Scan# 2157
Delta R.T. -0.012 min
Lab File: BM033398.D
Acq: 10 Dec 2021 17:25

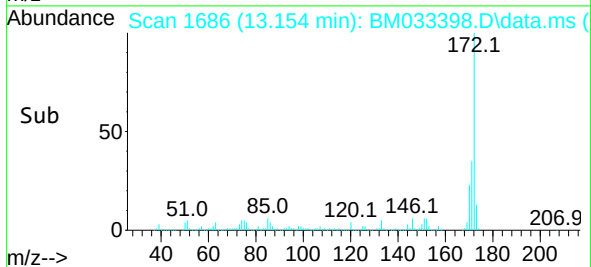
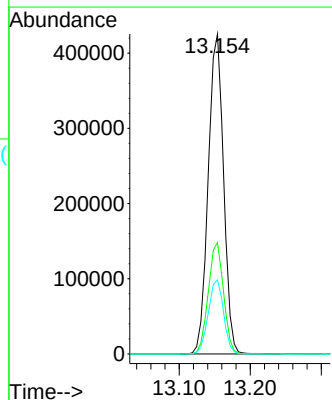
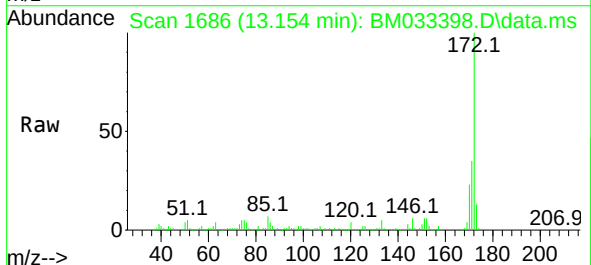
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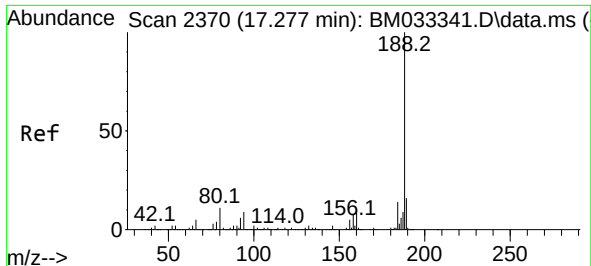
Tgt Ion:330 Resp: 118652
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 48.6 35.9 53.9



#45
2-Fluorobiphenyl
Concen: 65.180 ng
RT: 13.154 min Scan# 1686
Delta R.T. -0.006 min
Lab File: BM033398.D
Acq: 10 Dec 2021 17:25

Tgt Ion:172 Resp: 639073
Ion Ratio Lower Upper
172 100
171 34.9 27.2 40.8
170 23.2 18.7 28.1

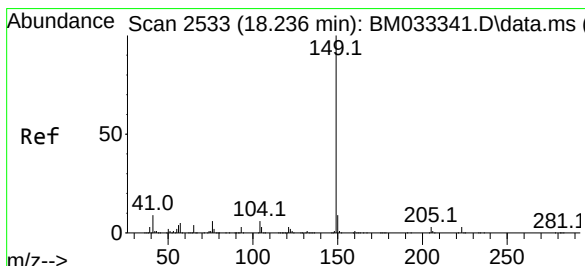
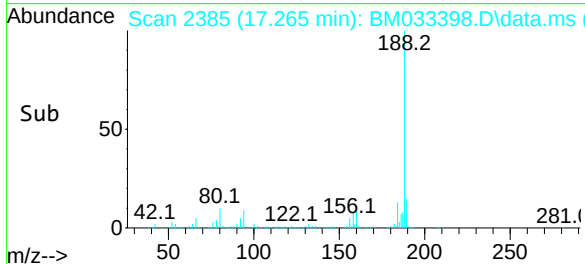
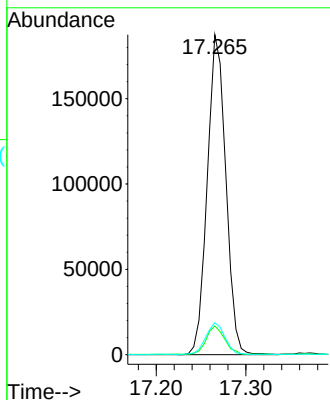
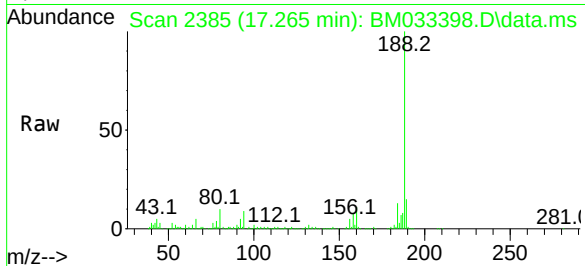




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.265 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033398.D
Acq: 10 Dec 2021 17:25

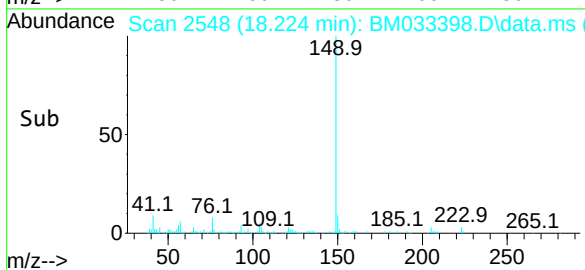
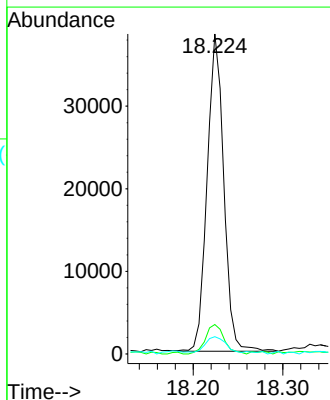
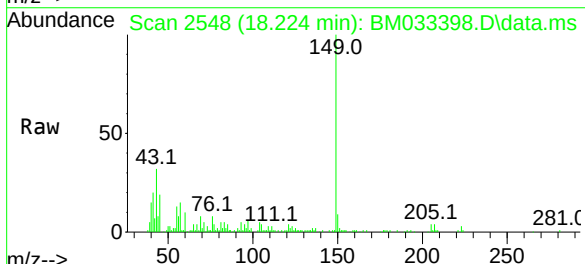
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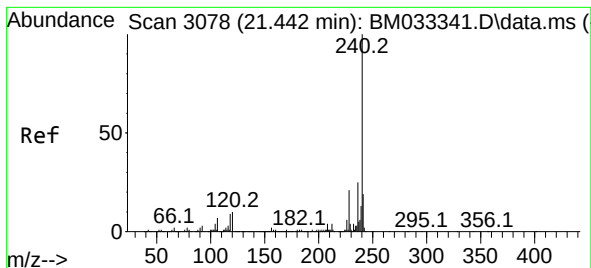
Tgt Ion:188 Resp: 269514
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.0 8.9 13.3



#74
Di-n-butylphthalate
Concen: 3.183 ng
RT: 18.224 min Scan# 2548
Delta R.T. -0.012 min
Lab File: BM033398.D
Acq: 10 Dec 2021 17:25

Tgt Ion:149 Resp: 49465
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.4 4.6 6.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.430 min Scan# 3078

Delta R.T. -0.012 min

Lab File: BM033398.D

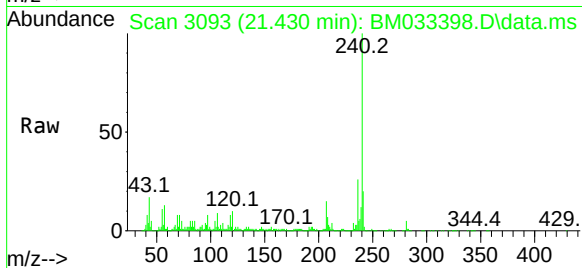
Acq: 10 Dec 2021 17:25

Instrument :

BNA_M

ClientSampleId :

RED-WALL-CONCRETE-COMP



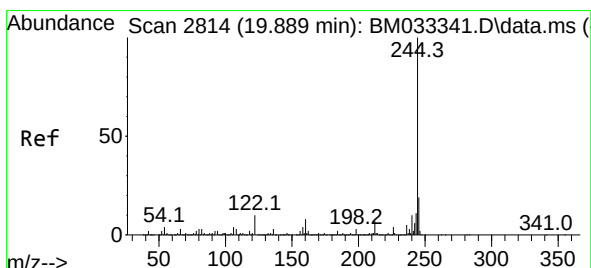
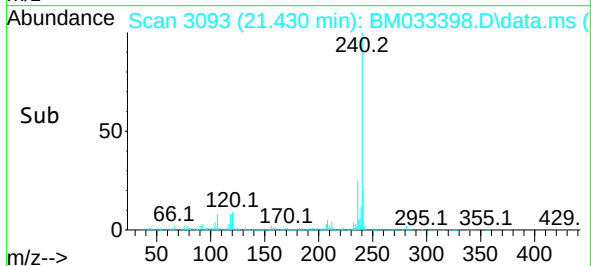
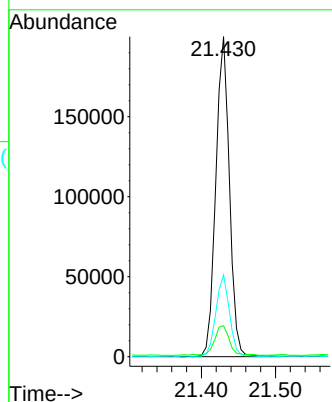
Tgt Ion:240 Resp: 254116

Ion Ratio Lower Upper

240 100

120 9.7 7.8 11.6

236 25.5 20.3 30.5



#79

Terphenyl-d14

Concen: 62.860 ng

RT: 19.877 min Scan# 2829

Delta R.T. -0.012 min

Lab File: BM033398.D

Acq: 10 Dec 2021 17:25

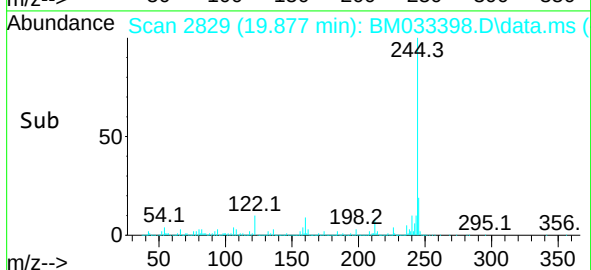
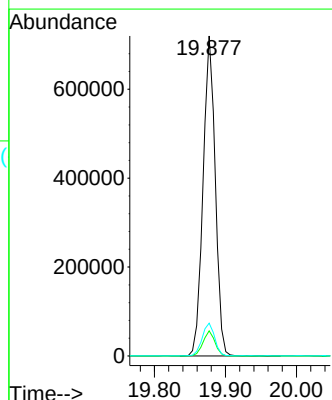
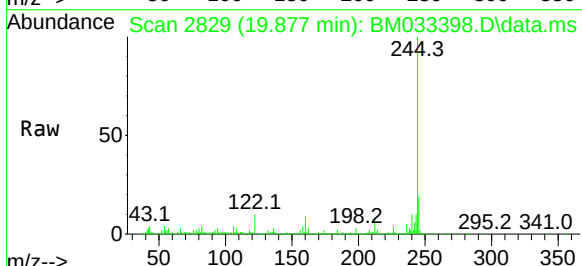
Tgt Ion:244 Resp: 862194

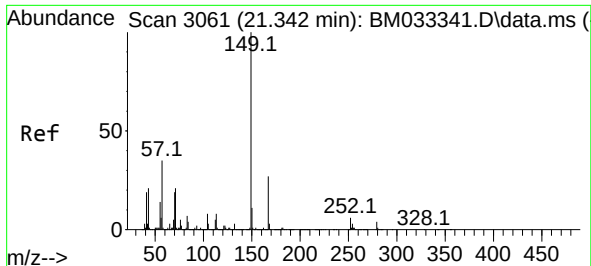
Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 10.3 8.4 12.6

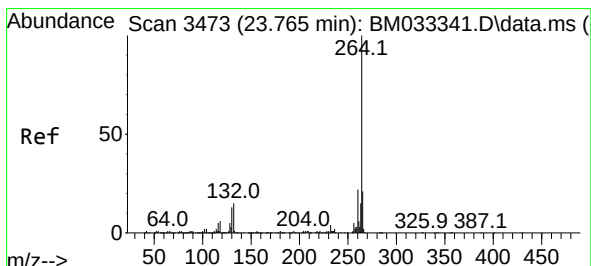
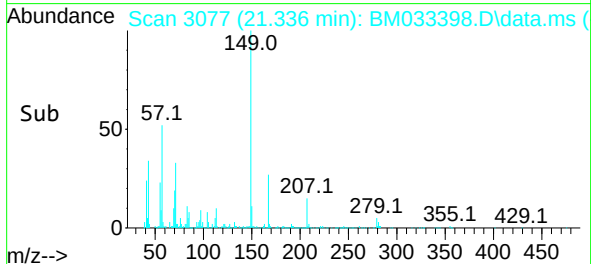
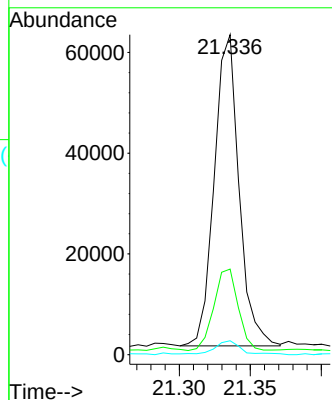
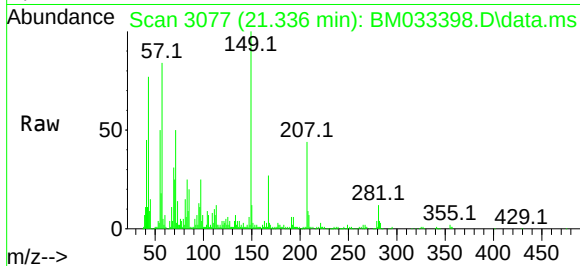




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.611 ng
 RT: 21.336 min Scan# 3061
 Delta R.T. -0.006 min
 Lab File: BM033398.D
 Acq: 10 Dec 2021 17:25

Instrument :
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Tgt Ion:	149	Resp:	74765
Ion Ratio	Lower	Upper	
149	100		
167	26.7	21.4	32.0
279	4.3	3.0	4.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.747 min Scan# 3487
 Delta R.T. -0.018 min
 Lab File: BM033398.D
 Acq: 10 Dec 2021 17:25

Tgt Ion:	264	Resp:	257016
Ion Ratio	Lower	Upper	
264	100		
260	23.4	17.7	26.5
265	21.8	17.7	26.5

