

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
 Data File : BM033413.D
 Acq On : 11 Dec 2021 15:40
 Operator : CG/JU
 Sample : M4965-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 00:22:45 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	7.902	152	42294	20.00	ng	0.00
21) Naphthalene-d8	10.695	136	180476	20.00	ng	0.00
39) Acenaphthene-d10	14.525	164	131694	20.00	ng	0.00
64) Phenanthrene-d10	17.266	188	310246	20.00	ng	0.00
76) Chrysene-d12	21.430	240	343124	20.00	ng	0.00
86) Perylene-d12	23.753	264	336536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	372601	144.53	ng	0.00
7) Phenol-d6	7.078	99	479002	133.25	ng	0.00
23) Nitrobenzene-d5	9.066	82	364614	85.78	ng	0.00
42) 2,4,6-Tribromophenol	16.013	330	243007	172.50	ng	0.00
45) 2-Fluorobiphenyl	13.148	172	911289	95.72	ng	0.00
79) Terphenyl-d14	19.877	244	1655417	89.38	ng	0.00
Target Compounds						
32) Benzoic acid	9.954	122	4212m	2.44	ng	Qvalue
84) Bis(2-ethylhexyl)phtha...	21.336	149	66242	4.99	ng	98

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

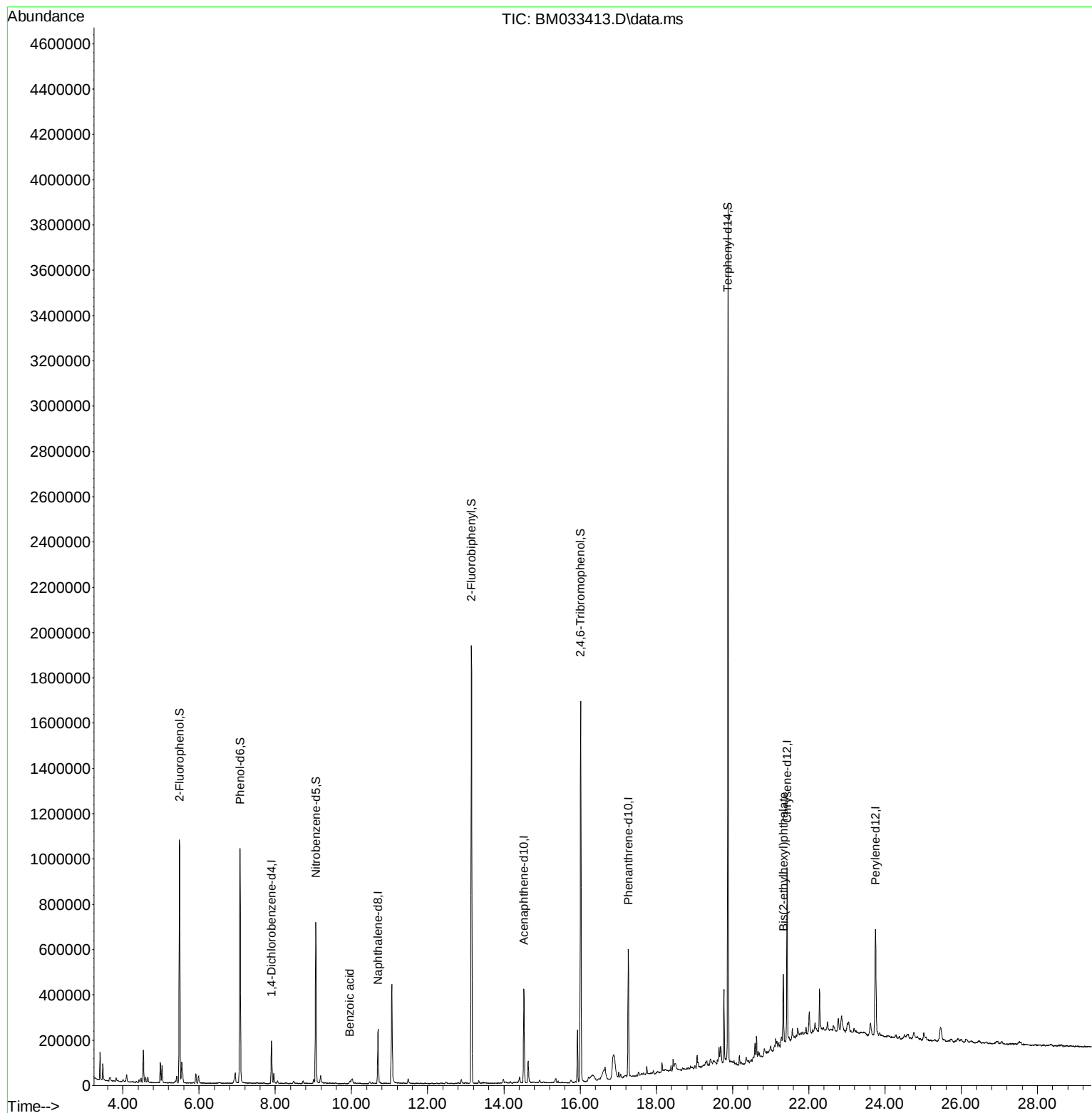
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121121\
Data File : BM033413.D
Acq On : 11 Dec 2021 15:40
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ALS Vial : 4 Sample Multiplier: 1

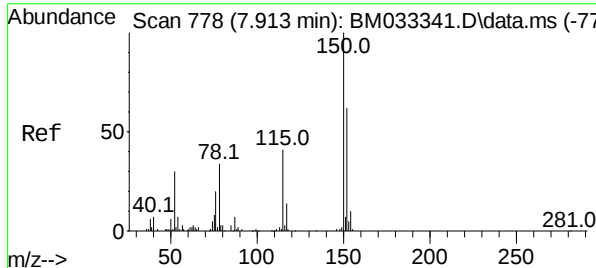
Instrument :
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Quant Time: Dec 12 00:22:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
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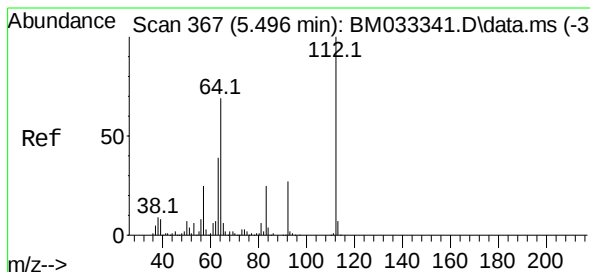
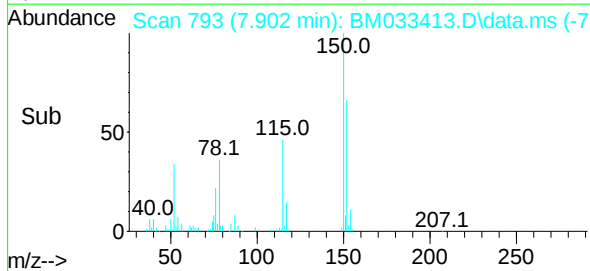
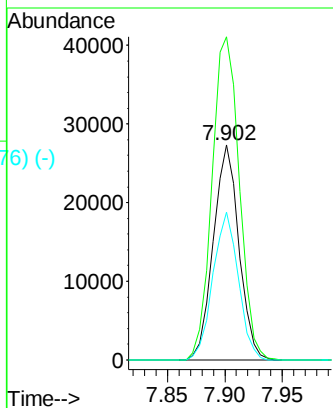
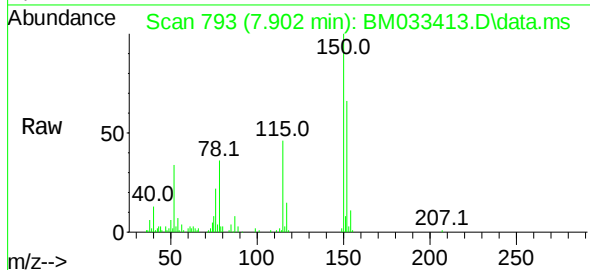
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.902 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: BM033413.D
 Acq: 11 Dec 2021 15:40

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

Tgt Ion:	152	Resp:	4229
Ion	Ratio	Lower	Upper
152	100		
150	150.4	128.9	193.3
115	68.8	53.0	79.6

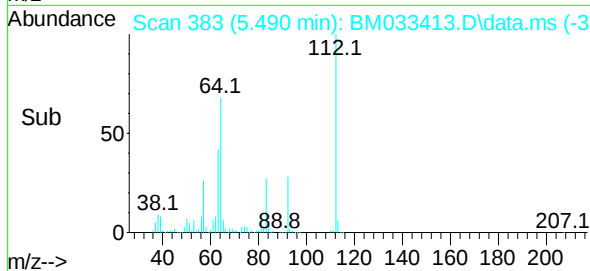
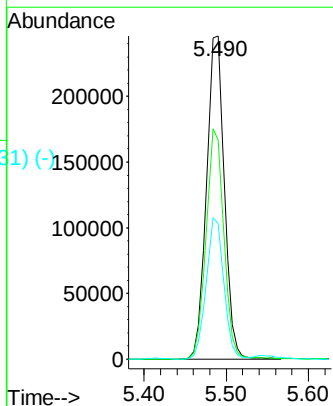
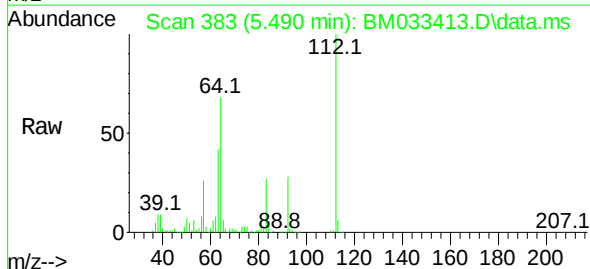
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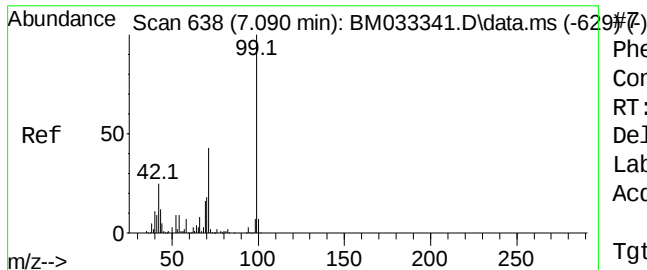
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



2-Fluorophenol
 Concen: 144.53 ng
 RT: 5.490 min Scan# 383
 Delta R.T. 0.006 min
 Lab File: BM033413.D
 Acq: 11 Dec 2021 15:40

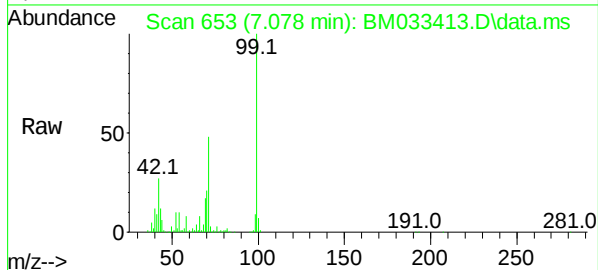
Tgt Ion:	112	Resp:	372601
Ion	Ratio	Lower	Upper
112	100		
64	67.7	55.5	83.3
63	41.9	31.3	46.9





Phenol-d6
Concen: 133.25 ng
RT: 7.078 min Scan# 638
Delta R.T. 0.006 min
Lab File: BM033413.D
Acq: 11 Dec 2021 15:40

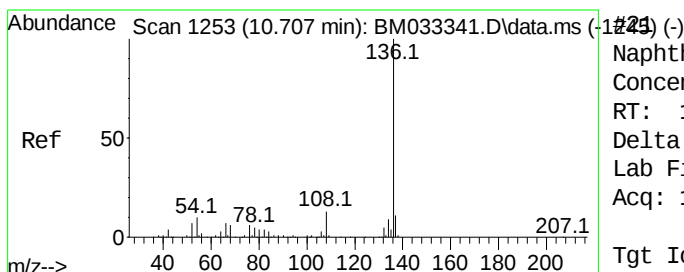
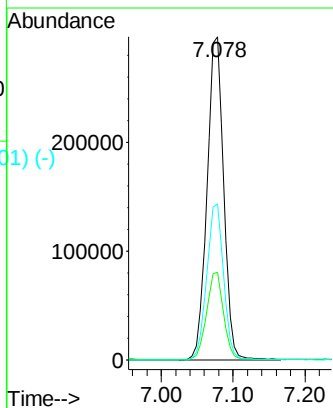
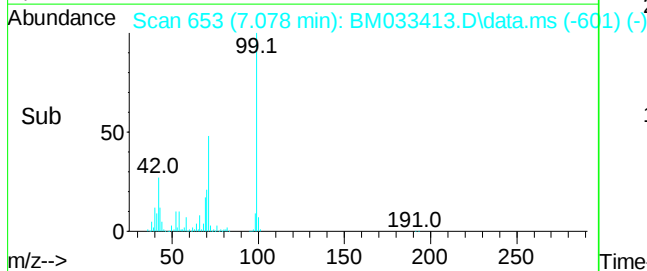
Instrument :
BNA_M
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RED-WALL-CONCRETE-COMP



Tgt Ion: 99 Resp: 47900
Ion Ratio Lower Upper
99 100
42 27.2 20.3 30.5
71 48.4 34.5 51.7

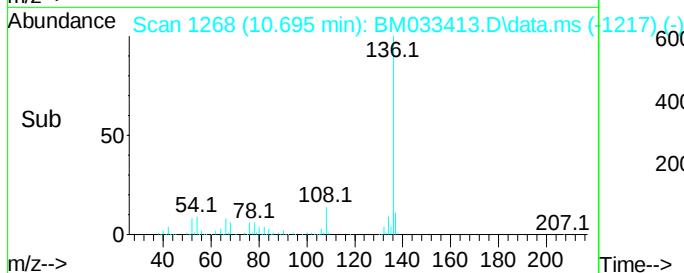
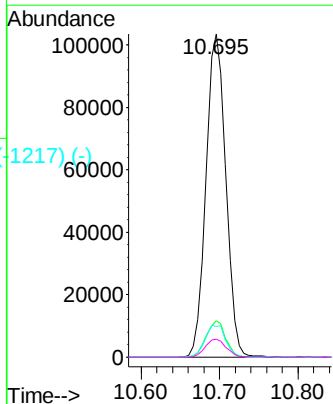
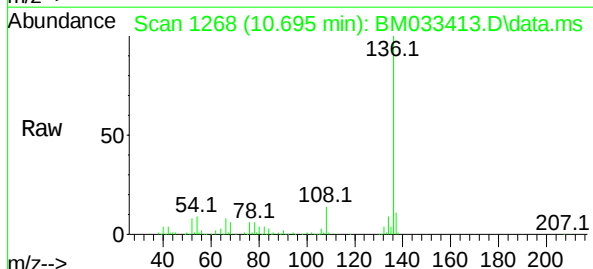
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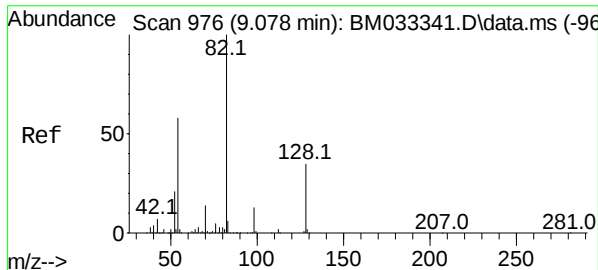
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



Naphthalene-d8
Concen: 20.00 ng
RT: 10.695 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BM033413.D
Acq: 11 Dec 2021 15:40

Tgt Ion:136 Resp: 180476
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.5 8.3 12.5
68 5.6 5.0 7.6





Nitrobenzene-d5

Concen: 85.78 ng

RT: 9.066 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BM033413.D

Acq: 11 Dec 2021 15:40

Instrument :

BNA_M

ClientSampleId :

RED-WALL-CONCRETE-COMP

Tgt Ion: 82 Resp: 3646

Ion Ratio Lower Upper

82 100

128 34.2 28.1 42.1

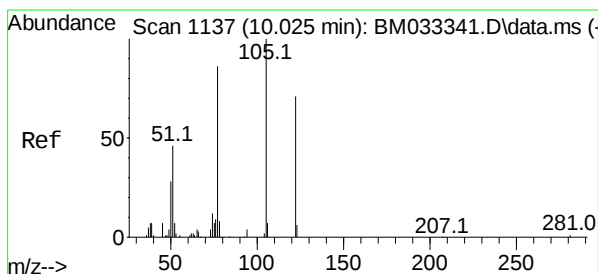
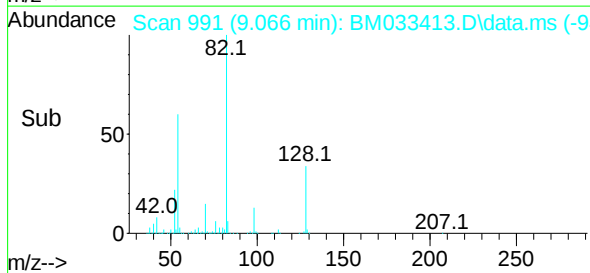
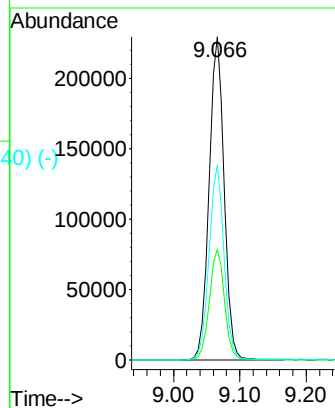
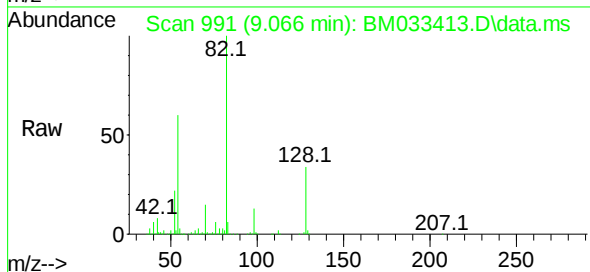
54 60.4 46.1 69.1

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Benzoic acid

Concen: 2.44 ng m

RT: 9.954 min Scan# 1142

Delta R.T. -0.064 min

Lab File: BM033413.D

Acq: 11 Dec 2021 15:40

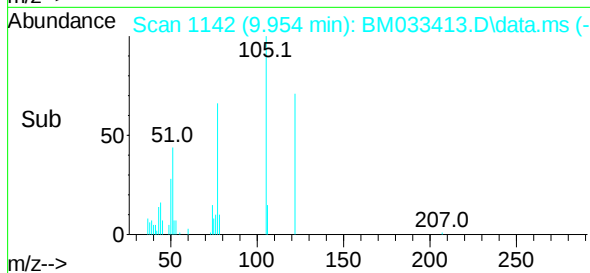
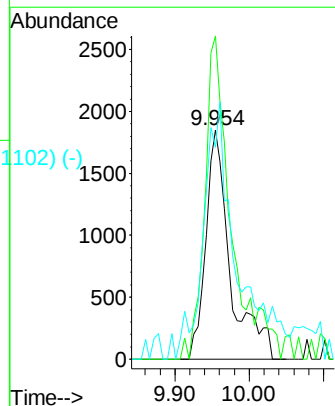
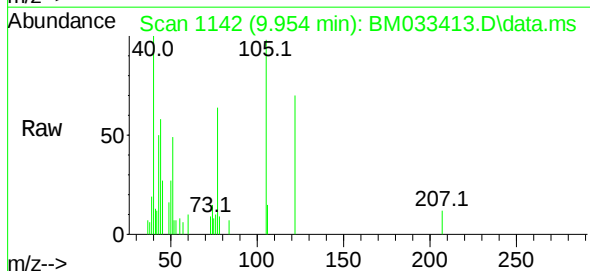
Tgt Ion:122 Resp: 4212

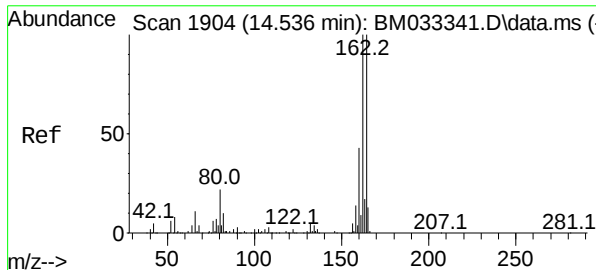
Ion Ratio Lower Upper

122 100

105 141.0 119.6 159.6

77 92.4 101.0 141.0#





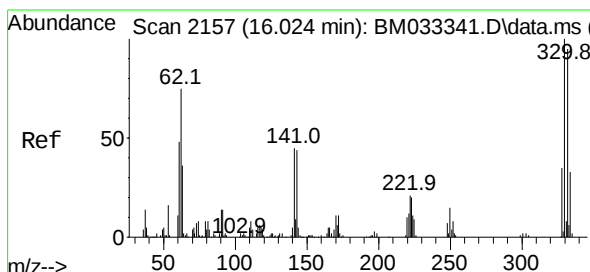
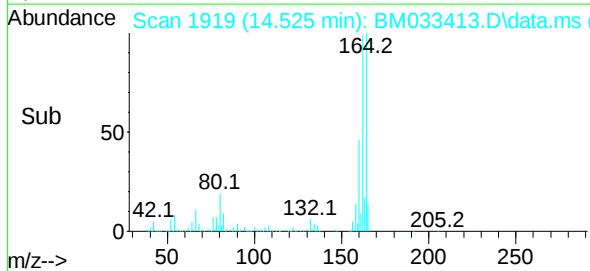
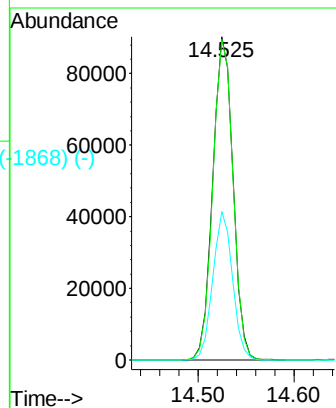
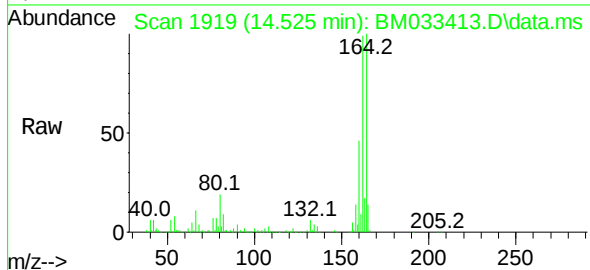
Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.525 min Scan# 1889
 Delta R.T. 0.000 min
 Lab File: BM033413.D
 Acq: 11 Dec 2021 15:40

Instrument :
 BNA_M
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 RED-WALL-CONCRETE-COMP

Tgt Ion:164 Resp: 13169
 Ion Ratio Lower Upper
 164 100
 162 99.2 79.7 119.5
 160 45.9 34.2 51.4

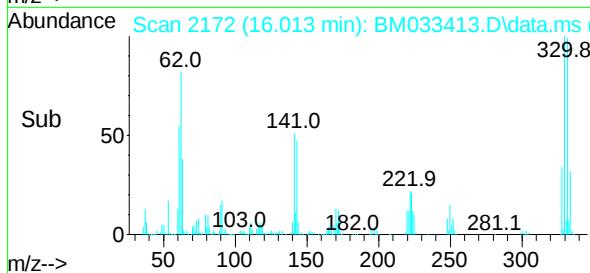
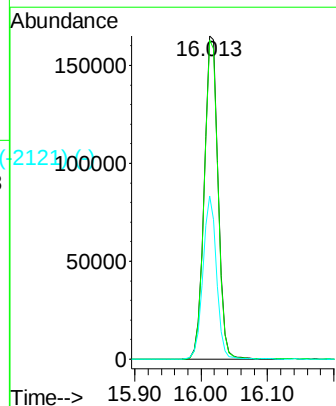
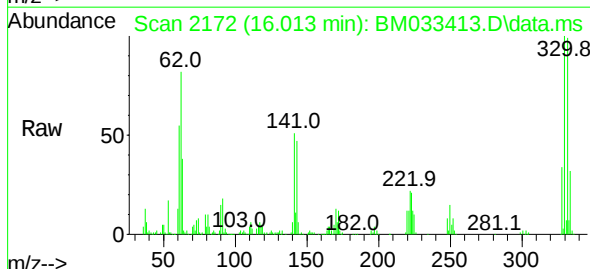
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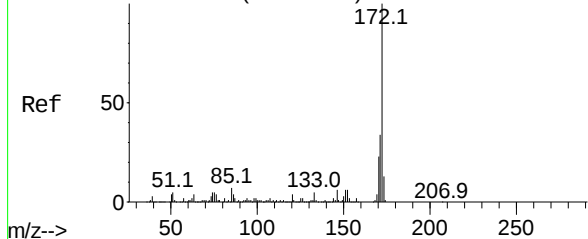


2,4,6-Tribromophenol
 Concen: 172.50 ng
 RT: 16.013 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: BM033413.D
 Acq: 11 Dec 2021 15:40

Tgt Ion:330 Resp: 243007
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.5 114.7
 141 49.2 35.9 53.9



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



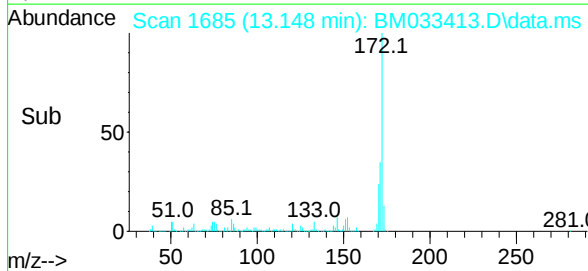
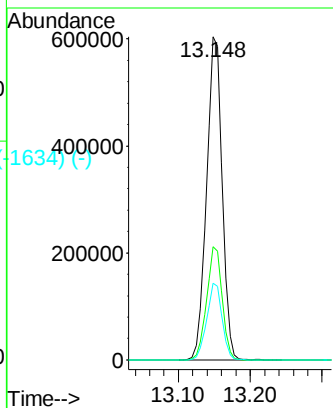
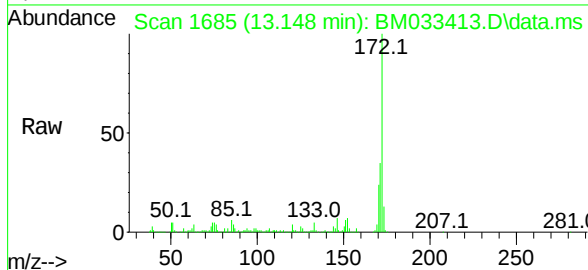
2-Fluorobiphenyl
Concen: 95.72 ng
RT: 13.148 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BM033413.D
Acq: 11 Dec 2021 15:40

Instrument :
BNA_M
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RED-WALL-CONCRETE-COMP

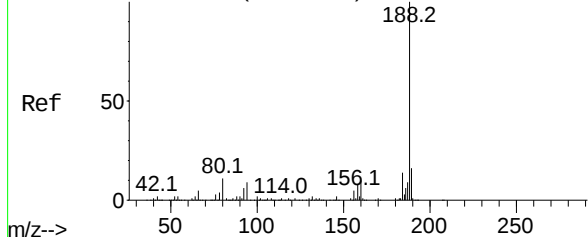
Tgt Ion:172 Resp: 91128
Ion Ratio Lower Upper
172 100
171 35.1 27.2 40.8
170 23.8 18.7 28.1

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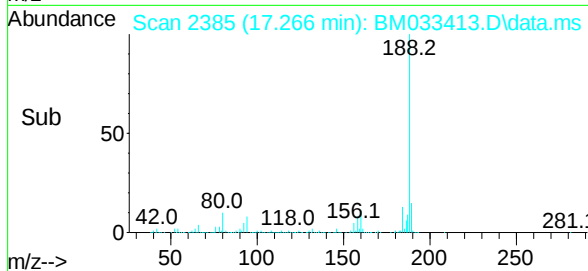
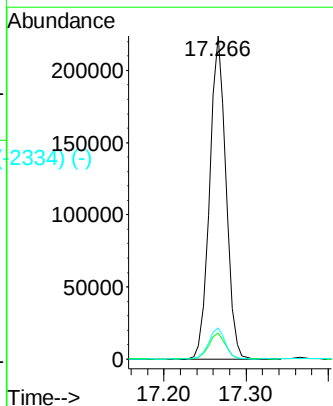
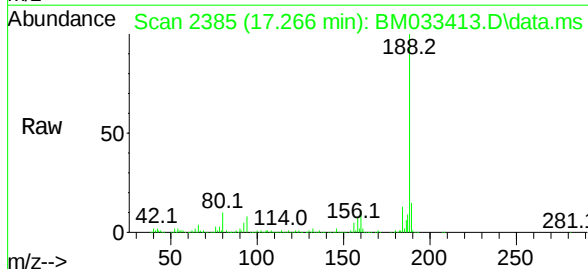


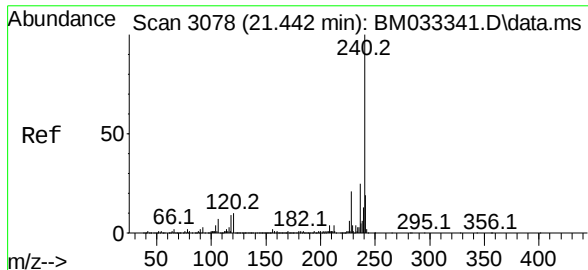
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Phenanthrene-d10
Concen: 20.00 ng
RT: 17.266 min Scan# 2385
Delta R.T. 0.000 min
Lab File: BM033413.D
Acq: 11 Dec 2021 15:40

Tgt Ion:188 Resp: 310246
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 9.6 8.9 13.3





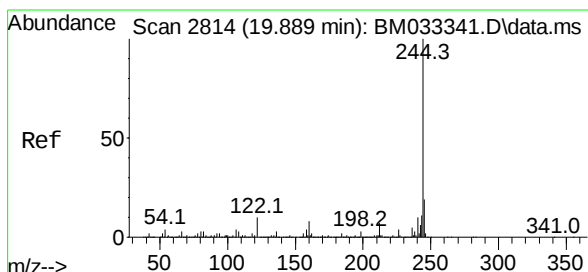
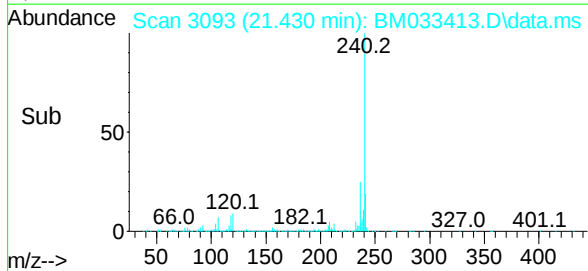
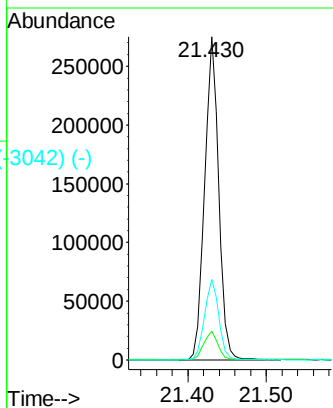
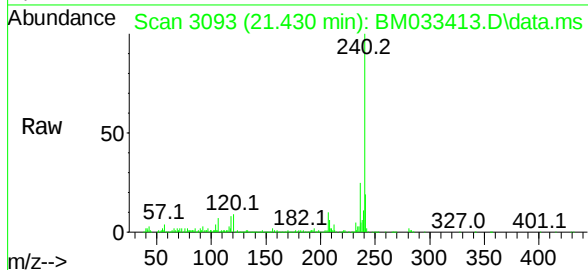
Scan 3078 (21.442 min): BM033341.D\data.ms (-3078) (-)
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.430 min Scan# 3078
 Delta R.T. 0.000 min
 Lab File: BM033413.D
 Acq: 11 Dec 2021 15:40

Instrument :
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 RED-WALL-CONCRETE-COMP

Tgt Ion:	240	Resp:	34312
Ion Ratio	Lower	Upper	
240	100		
120	8.9	7.8	11.6
236	24.9	20.3	30.5

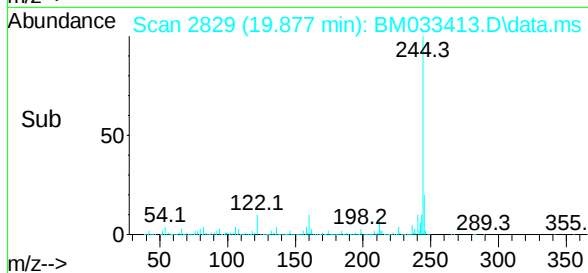
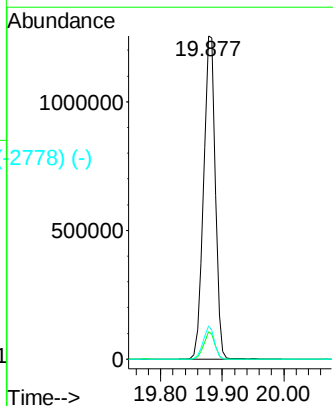
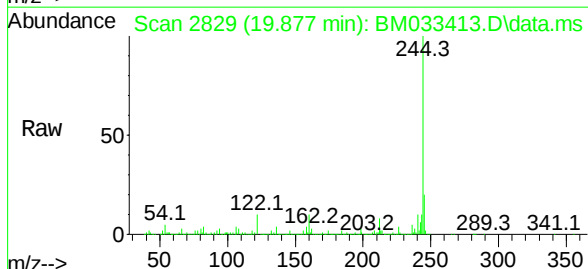
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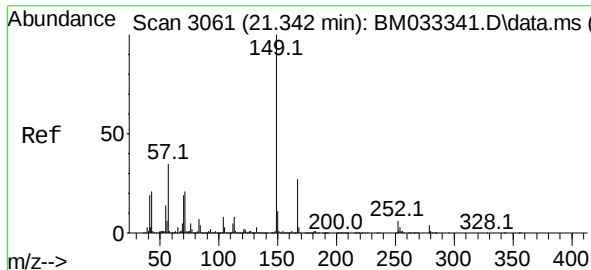
Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021



Scan 2879 (19.879 min): BM033341.D\data.ms (-2879) (-)
 Terphenyl-d14
 Concen: 89.38 ng
 RT: 19.877 min Scan# 2829
 Delta R.T. 0.000 min
 Lab File: BM033413.D
 Acq: 11 Dec 2021 15:40

Tgt Ion:	244	Resp:	1655417
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.9	8.9
122	10.4	8.4	12.6





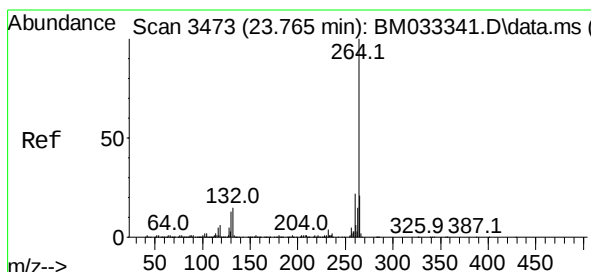
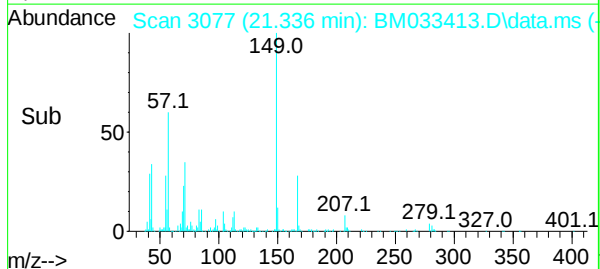
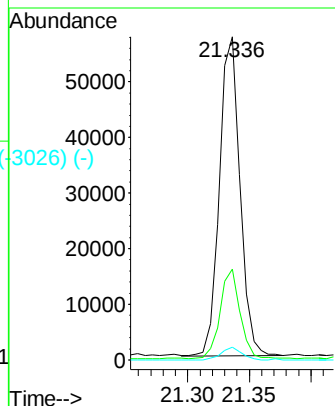
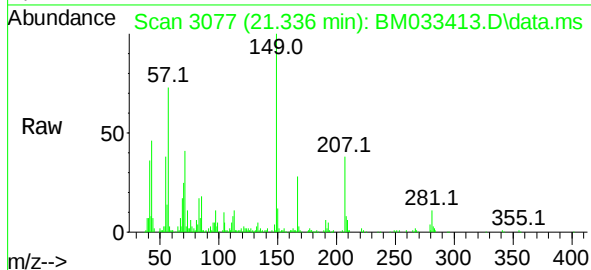
Bis(2-ethylhexyl)phthalate
Concen: 4.99 ng
RT: 21.336 min Scan# 3061
Delta R.T. 0.000 min
Lab File: BM033413.D
Acq: 11 Dec 2021 15:40

Instrument :
BNA_M
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RED-WALL-CONCRETE-COMP

Tgt Ion:149 Resp: 6624
Ion Ratio Lower Upper
149 100
167 28.0 21.4 32.0
279 4.0 3.0 4.6

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Perylene-d12
Concen: 20.00 ng
RT: 23.753 min Scan# 3488
Delta R.T. 0.000 min
Lab File: BM033413.D
Acq: 11 Dec 2021 15:40

Tgt Ion:264 Resp: 336536
Ion Ratio Lower Upper
264 100
260 24.5 17.7 26.5
265 22.1 17.7 26.5

