

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041294.D
 Acq On : 04 Aug 2023 14:55
 Operator : MA/JU
 Sample : 03887-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/07/2023
 Supervised By :mohammad ahmed 08/07/2023

Quant Time: Aug 04 16:14:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 19:20:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	129530	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	536546	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	376979	20.000	ng	0.00
64) Phenanthrene-d10	17.215	188	999726	20.000	ng	0.00
76) Chrysene-d12	21.421	240	982874	20.000	ng	-0.01
86) Perylene-d12	23.797	264	949178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	983585	113.491	ng	0.00
7) Phenol-d6	6.975	99	1181572	105.178	ng	0.00
23) Nitrobenzene-d5	8.969	82	927016	80.348	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	836127	156.808	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	2197365	73.633	ng	0.00
79) Terphenyl-d14	19.856	244	5253864	96.648	ng	0.00
Target Compounds						
32) Benzoic acid	9.951	122	14588m	9.215	ng	Qvalue

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

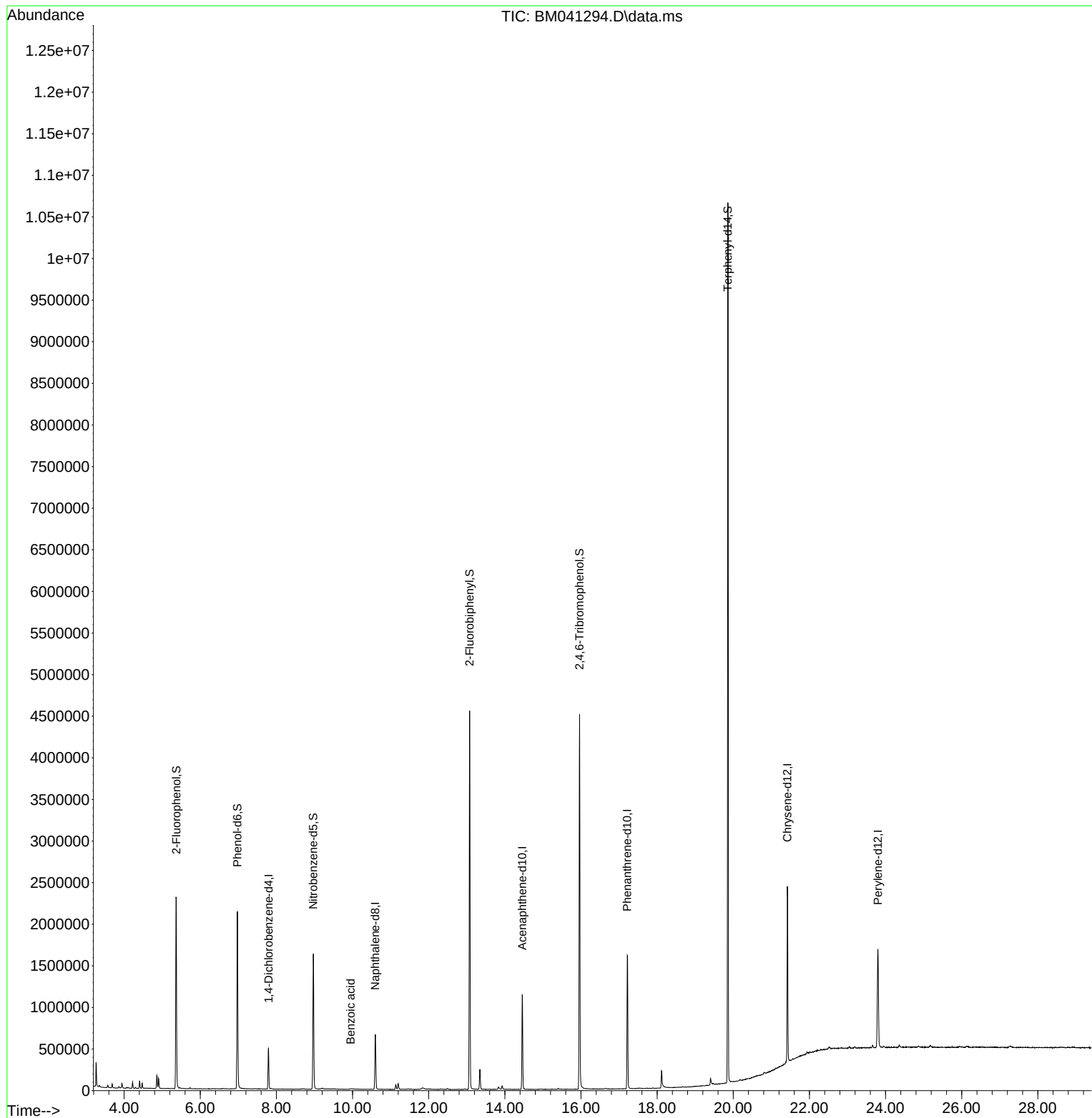
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
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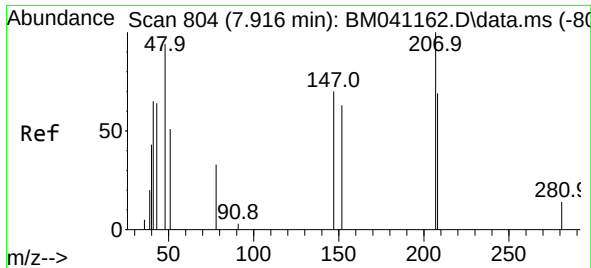
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QLast Update : Wed Aug 02 19:20:51 2023
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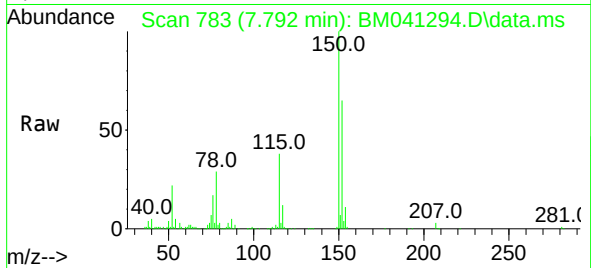
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 71
Delta R.T. -0.001 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

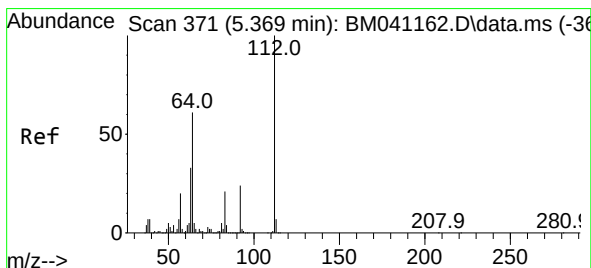
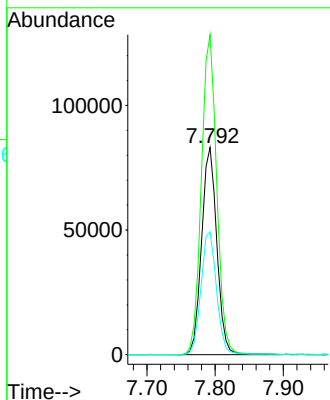
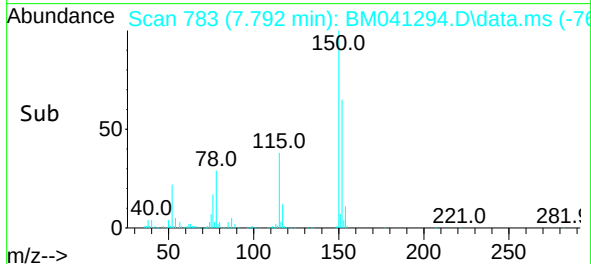
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Tgt Ion:152 Resp: 129530
Ion Ratio Lower Upper
152 100
150 154.4 125.5 188.3
115 59.3 48.0 72.0

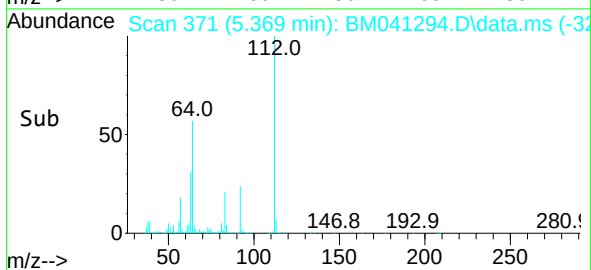
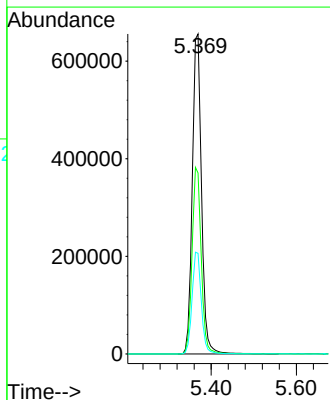
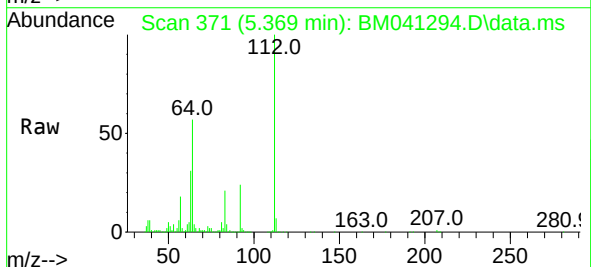
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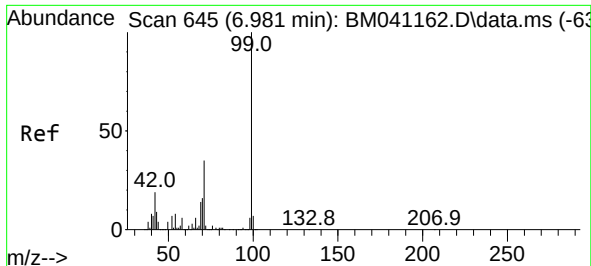
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#5
2-Fluorophenol
Concen: 113.491 ng
RT: 5.369 min Scan# 371
Delta R.T. -0.000 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

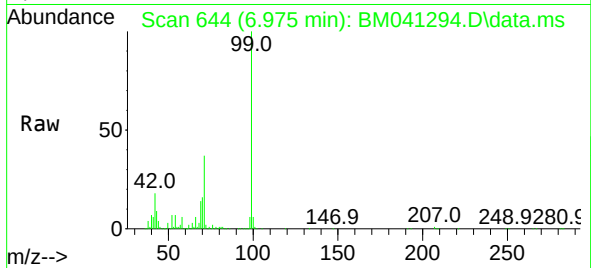
Tgt Ion:112 Resp: 983585
Ion Ratio Lower Upper
112 100
64 56.6 48.5 72.7
63 31.5 26.5 39.7





#7
Phenol-d6
Concen: 105.178 ng
RT: 6.975 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

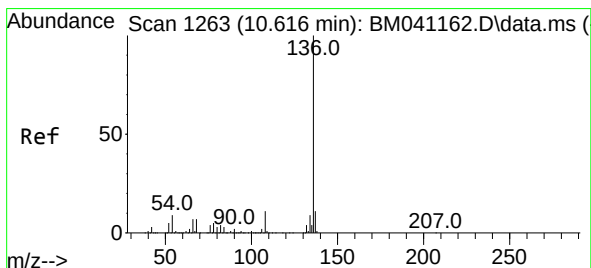
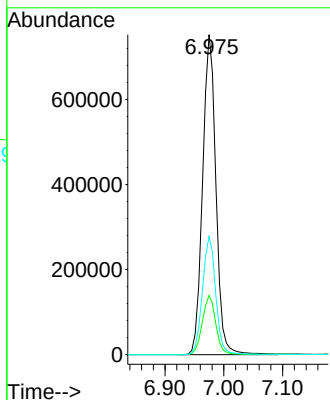
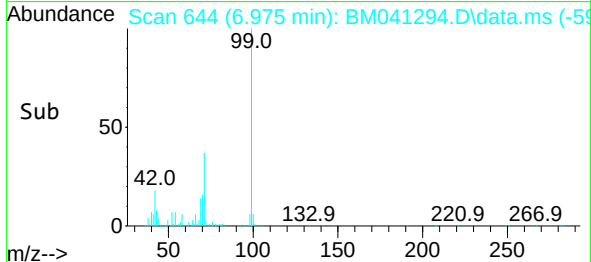
Instrument :
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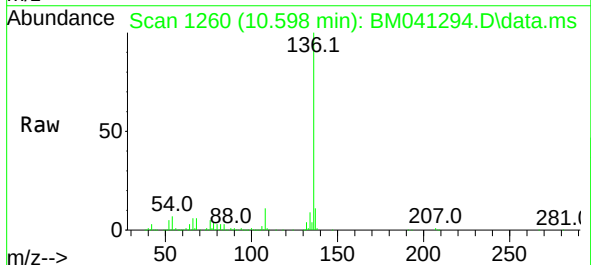
Tgt Ion: 99 Resp: 1181572
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.0 28.2 42.4

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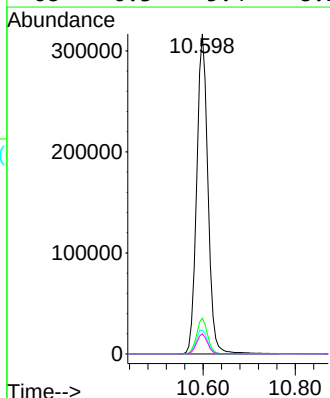
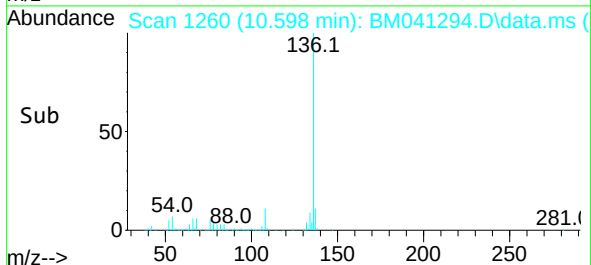
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

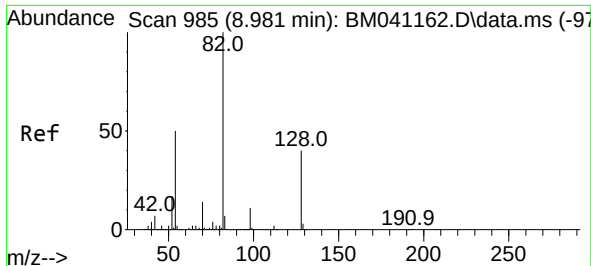


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55



Tgt Ion:136 Resp: 536546
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.5 6.9 10.3
68 6.3 5.4 8.2





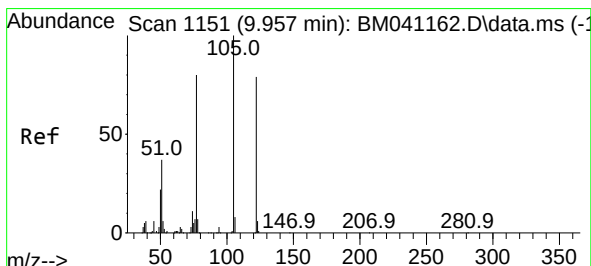
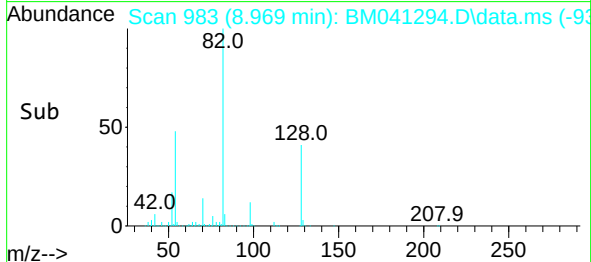
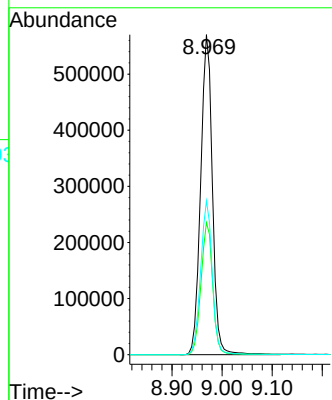
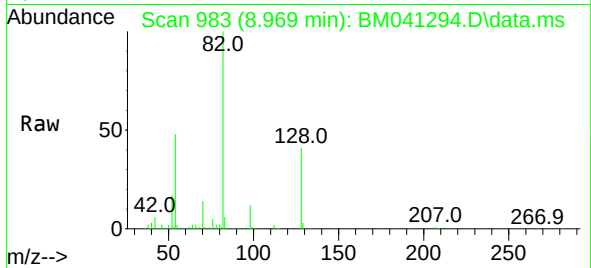
#23
Nitrobenzene-d5
Concen: 80.348 ng
RT: 8.969 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion: 82 Resp: 927010
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 48.0 40.1 60.1

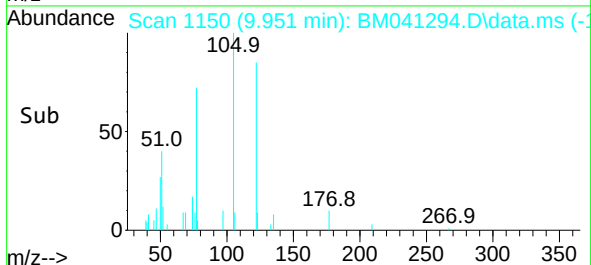
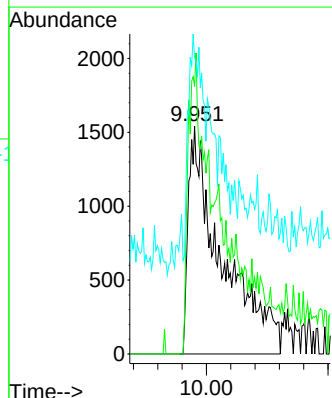
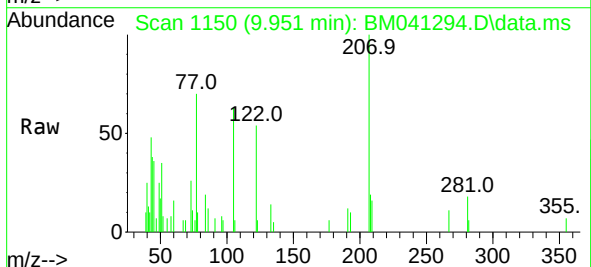
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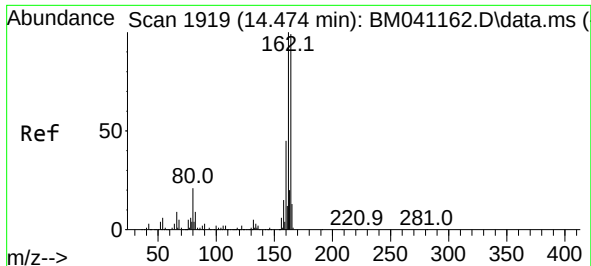
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#32
Benzoic acid
Concen: 9.215 ng m
RT: 9.951 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

Tgt Ion:122 Resp: 14588
Ion Ratio Lower Upper
122 100
105 117.4 104.0 144.0
77 129.9 79.9 119.9#





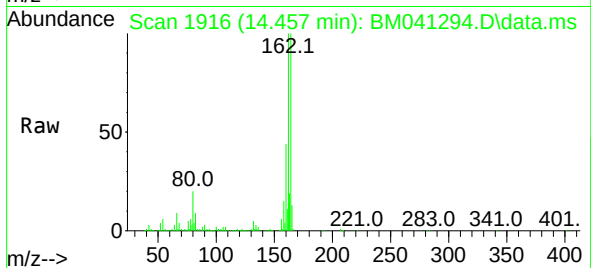
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1916
Delta R.T. -0.006 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

Instrument :

BNA_M

ClientSampleId :

MCLEAN-TP9

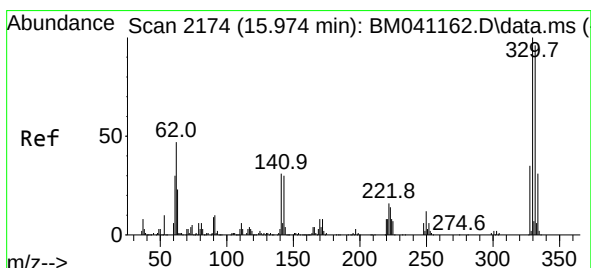
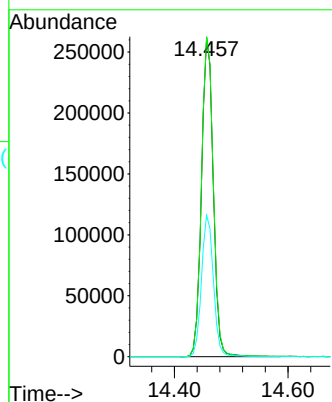
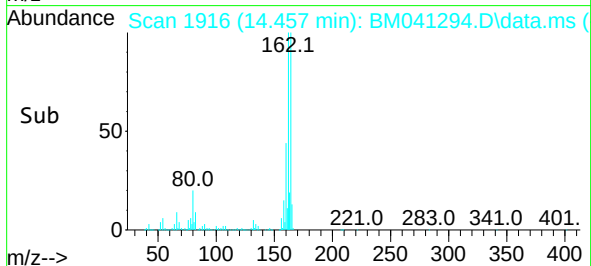


Tgt Ion:164 Resp: 376979
Ion Ratio Lower Upper
164 100
162 100.2 80.4 120.6
160 44.3 36.2 54.2

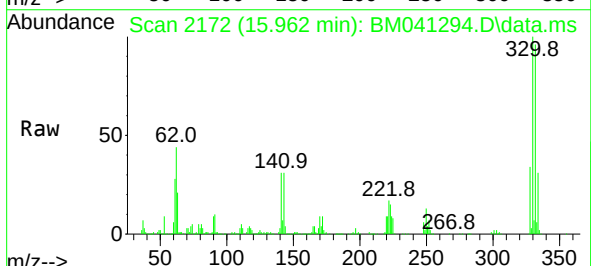
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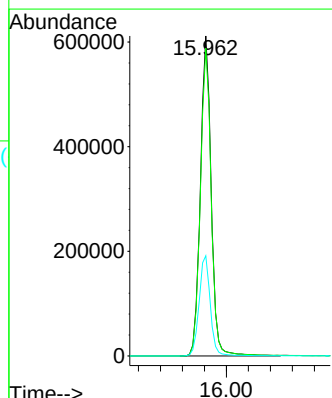
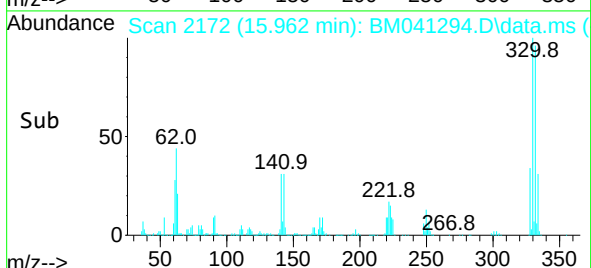
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Supervised By :mohammad ahmed 08/07/2023

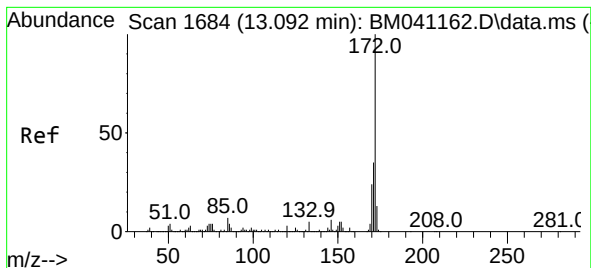


#42
2,4,6-Tribromophenol
Concen: 156.808 ng
RT: 15.962 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55



Tgt Ion:330 Resp: 836127
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 32.6 28.3 42.5





#45
2-Fluorobiphenyl
Concen: 73.633 ng
RT: 13.074 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

Instrument :

BNA_M

ClientSampleId :

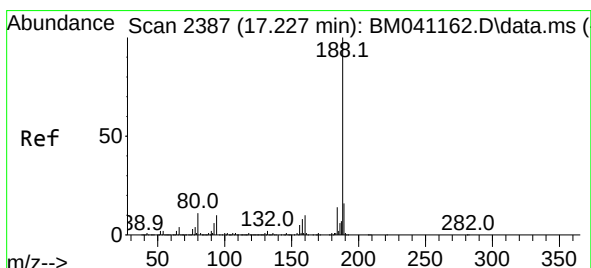
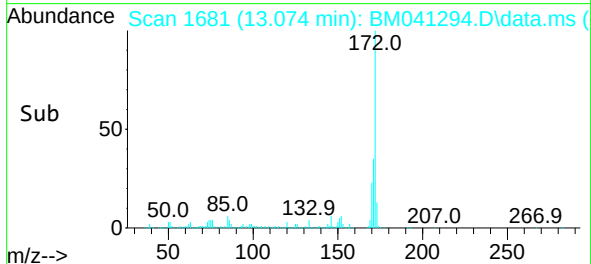
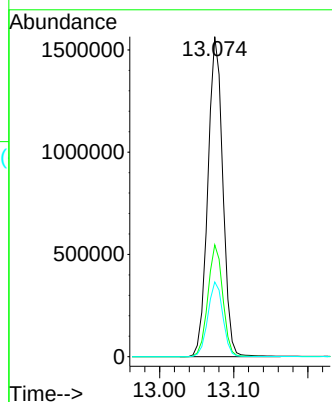
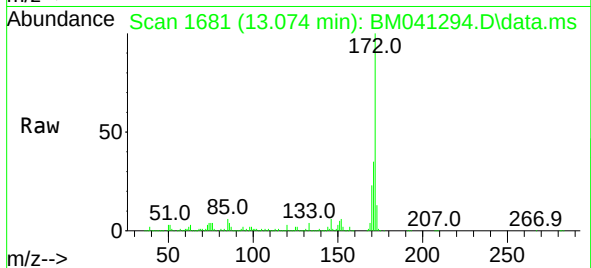
MCLEAN-TP9

Tgt Ion:172 Resp: 219736
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.4 18.9 28.3

Manual Integrations

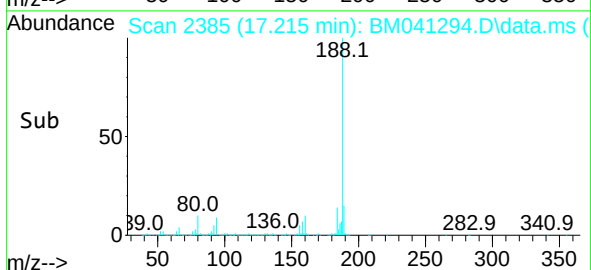
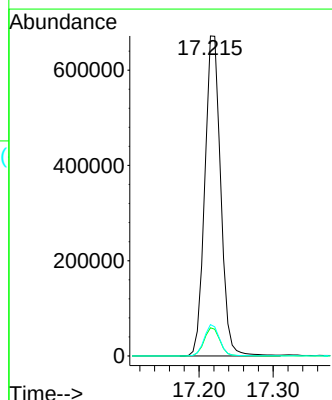
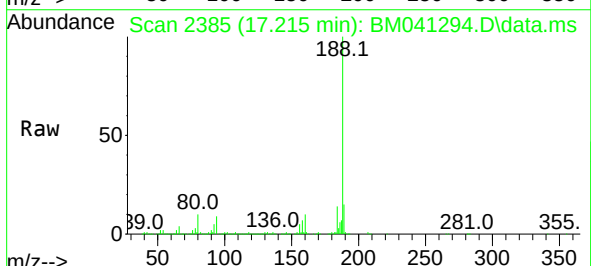
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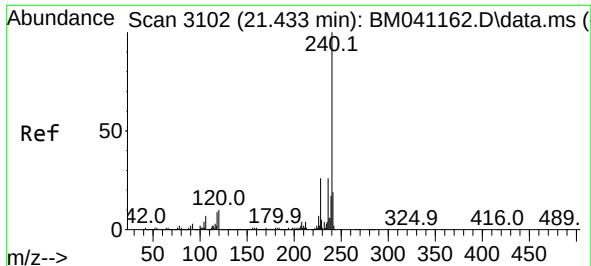
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 2385
Delta R.T. -0.006 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

Tgt Ion:188 Resp: 999726
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.8 8.6 13.0





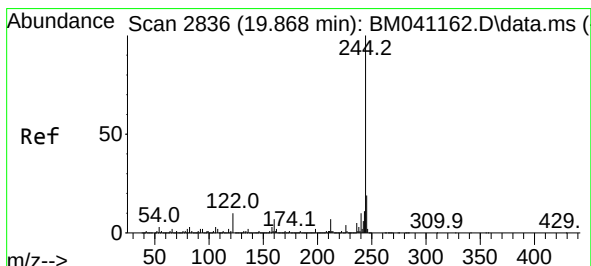
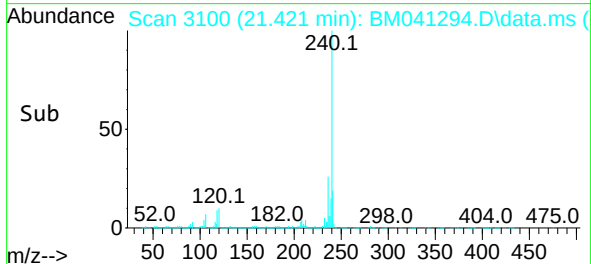
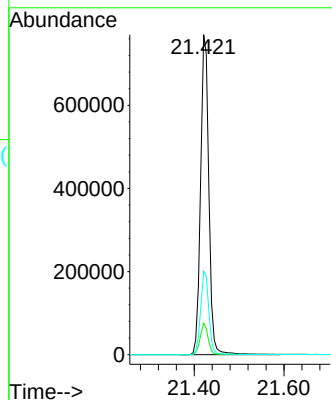
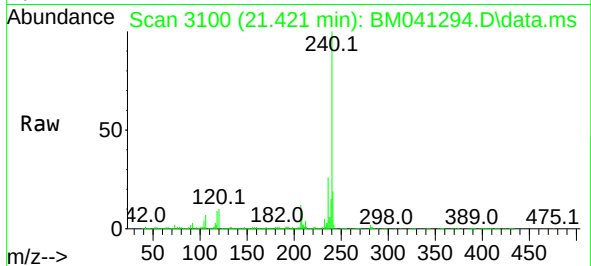
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.421 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

Instrument :
BNA_M
ClientSampleId :
MCLEAN-TP9

Tgt Ion:240 Resp: 982874
Ion Ratio Lower Upper
240 100
120 9.9 8.3 12.5
236 26.0 20.6 30.8

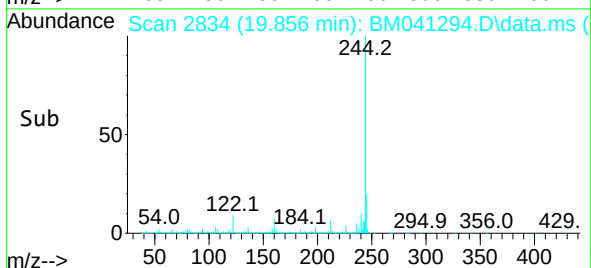
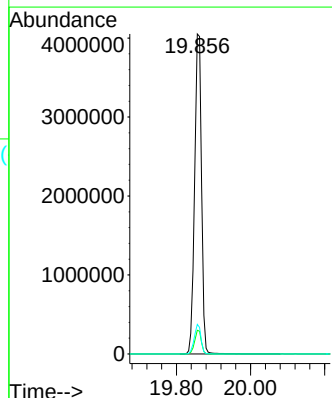
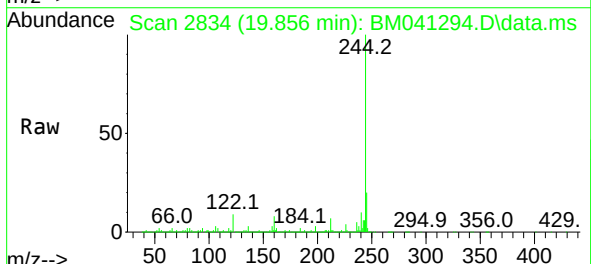
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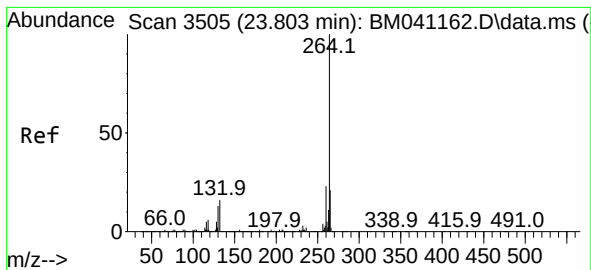
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#79
Terphenyl-d14
Concen: 96.648 ng
RT: 19.856 min Scan# 2834
Delta R.T. -0.006 min
Lab File: BM041294.D
Acq: 04 Aug 2023 14:55

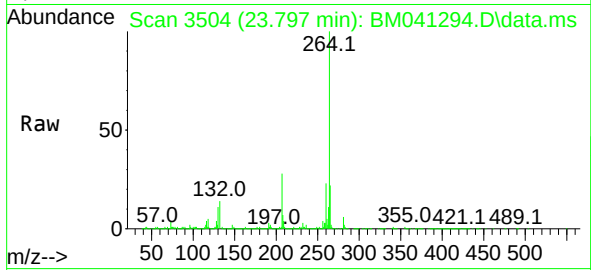
Tgt Ion:244 Resp: 5253864
Ion Ratio Lower Upper
244 100
212 7.4 5.4 8.2
122 9.3 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BM041294.D
 Acq: 04 Aug 2023 14:55

Instrument :
 BNA_M
 ClientSampleId :
 MCLEAN-TP9



Tgt Ion:264 Resp: 949178
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 22.3 17.4 26.0

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