

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
 Data File : BM041291.D
 Acq On : 04 Aug 2023 13:05
 Operator : MA/JU
 Sample : 03877-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3

Manual Integrations
 APPROVED

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

Quant Time: Aug 04 16:13:57 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	97318	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	404841	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	290745	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	767749	20.000	ng	0.00
76) Chrysene-d12	21.421	240	812613	20.000	ng	-0.01
86) Perylene-d12	23.797	264	789583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	735973	113.029	ng	0.00
7) Phenol-d6	6.975	99	884638	104.811	ng	0.00
23) Nitrobenzene-d5	8.969	82	698795	80.271	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	654002	159.030	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	1707840	74.203	ng	0.00
79) Terphenyl-d14	19.856	244	4248984	94.539	ng	0.00
Target Compounds						
32) Benzoic acid	9.910	122	18440m	10.605	ng	Qvalue
50) Dimethylphthalate	13.927	163	53447	2.444	ng	100

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

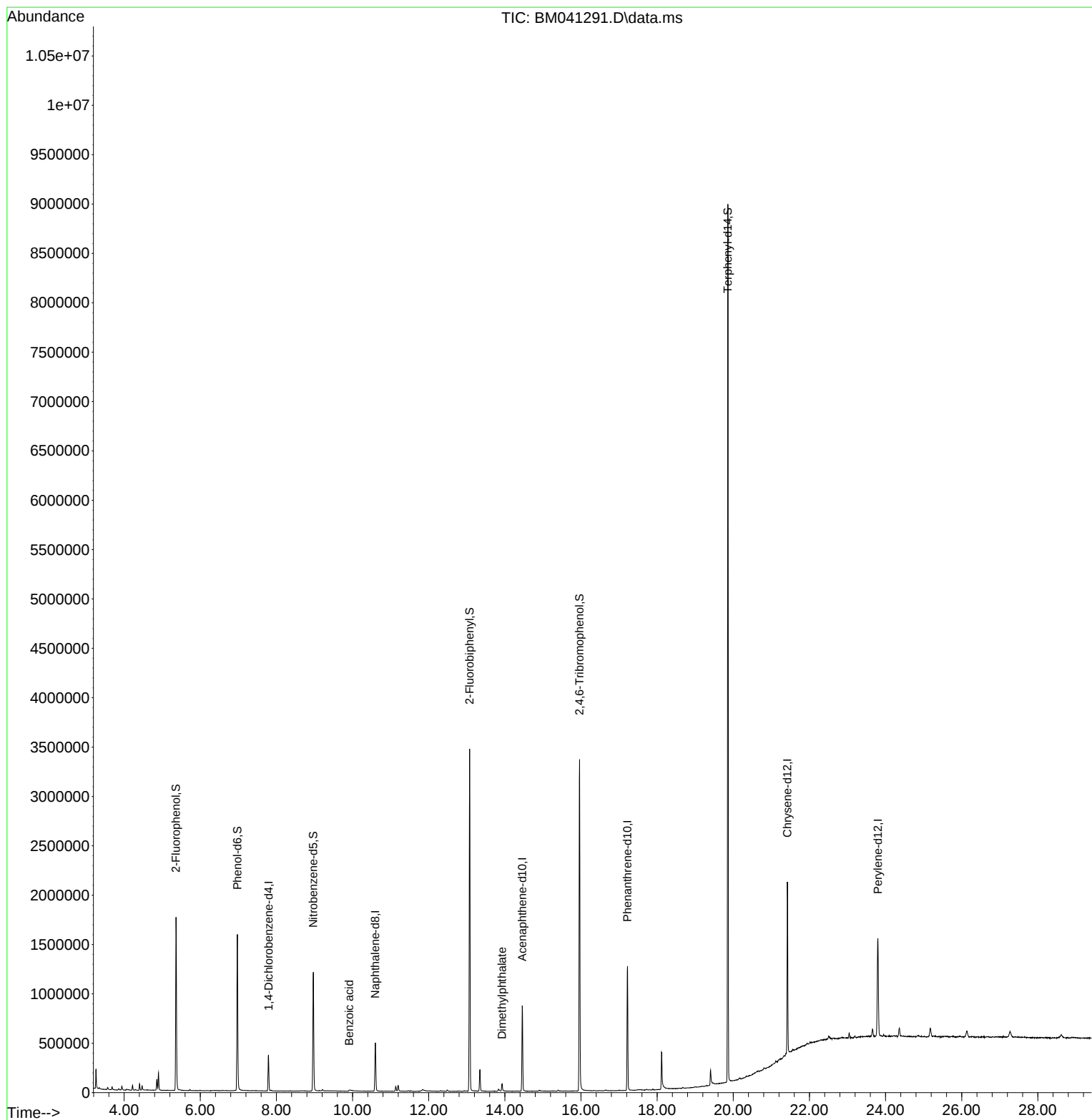
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080423\
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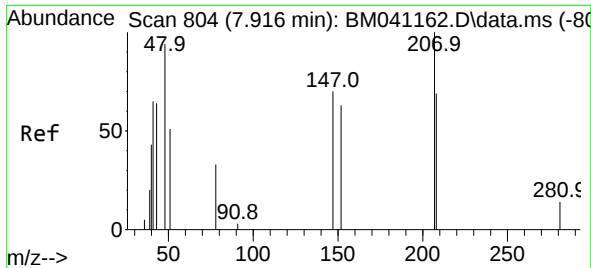
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Quant Time: Aug 04 16:13:57 2023
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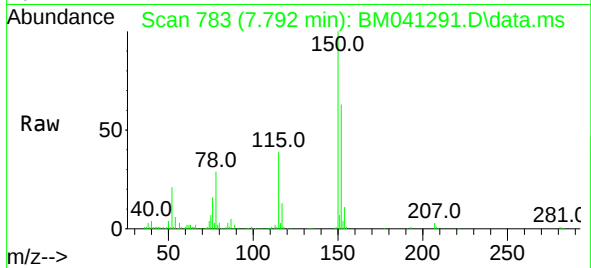
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.792 min Scan# 70
Delta R.T. -0.001 min
Lab File: BM041291.D
Acq: 04 Aug 2023 13:05

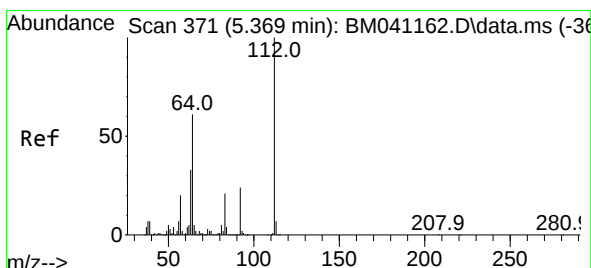
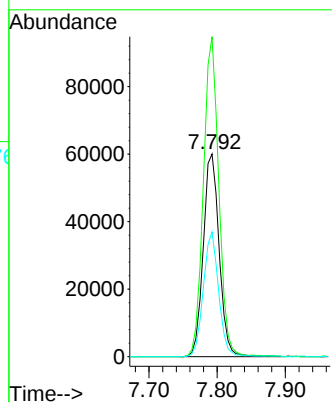
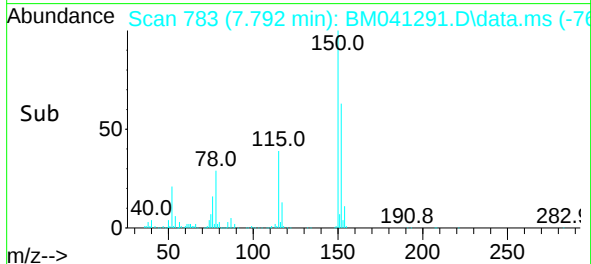
Instrument :
BNA_M
ClientSampleId :
COMP-3



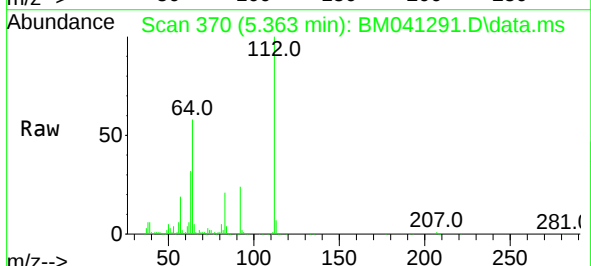
Tgt Ion:152 Resp: 97318
Ion Ratio Lower Upper
152 100
150 157.8 125.5 188.3
115 61.6 48.0 72.0

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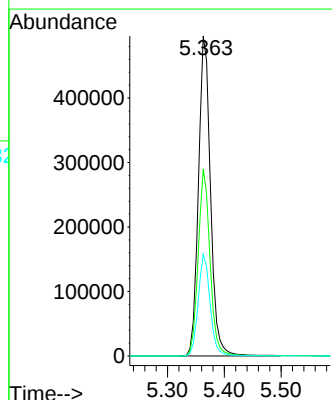
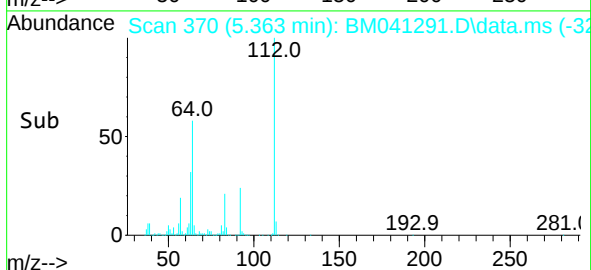
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

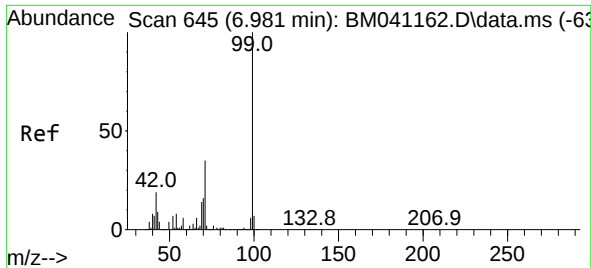


#5
2-Fluorophenol
Concen: 113.029 ng
RT: 5.363 min Scan# 370
Delta R.T. -0.006 min
Lab File: BM041291.D
Acq: 04 Aug 2023 13:05



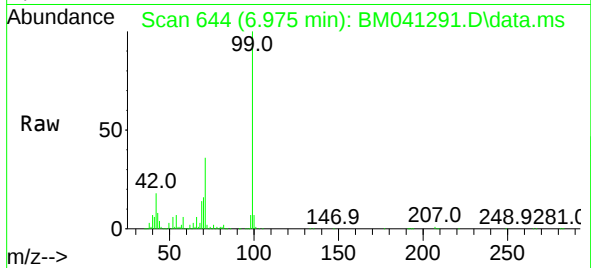
Tgt Ion:112 Resp: 735973
Ion Ratio Lower Upper
112 100
64 58.4 48.5 72.7
63 31.7 26.5 39.7





#7
Phenol-d6
Concen: 104.811 ng
RT: 6.975 min Scan# 645
Delta R.T. -0.006 min
Lab File: BM041291.D
Acq: 04 Aug 2023 13:05

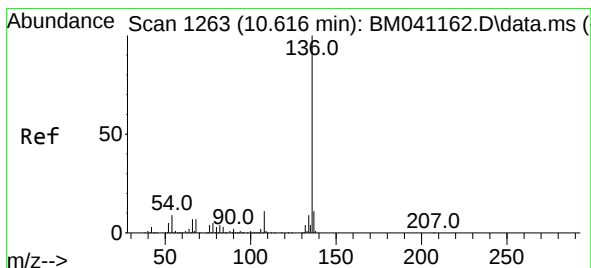
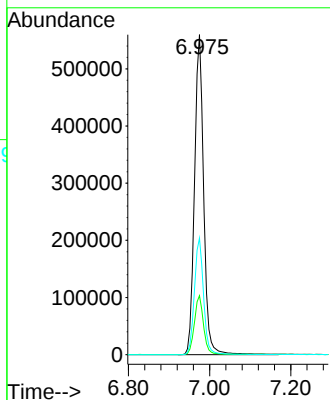
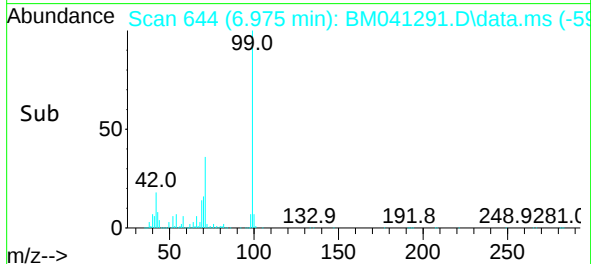
Instrument :
BNA_M
ClientSampleId :
COMP-3



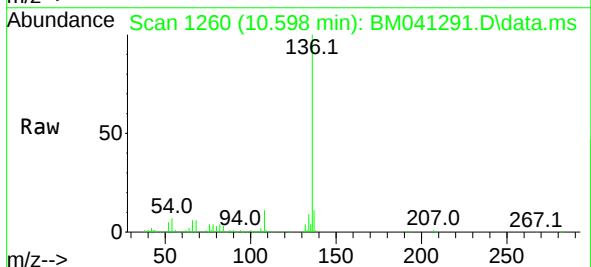
Tgt Ion: 99 Resp: 884638
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 36.5 28.2 42.4

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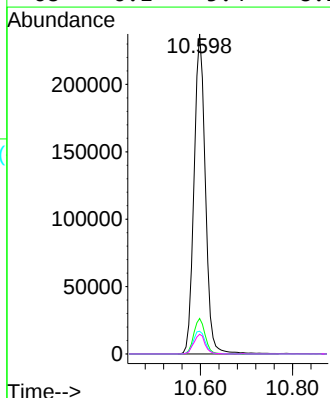
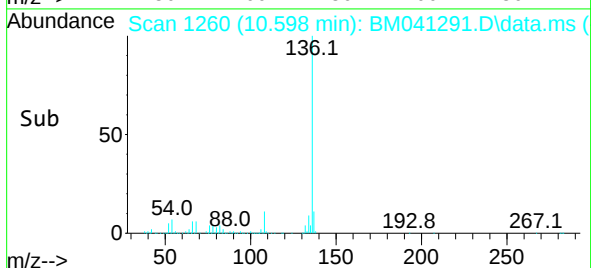
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023

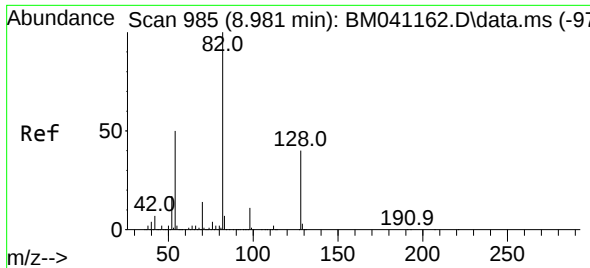


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BM041291.D
Acq: 04 Aug 2023 13:05



Tgt Ion:136 Resp: 404841
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.1 6.9 10.3
68 6.1 5.4 8.2





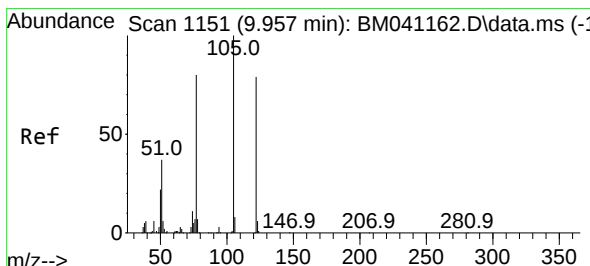
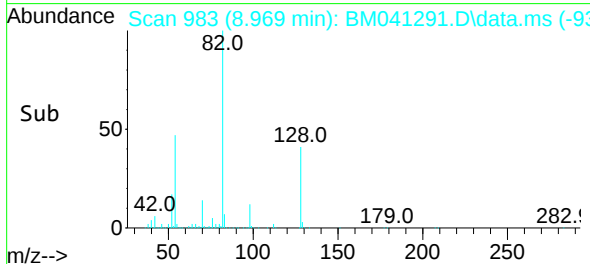
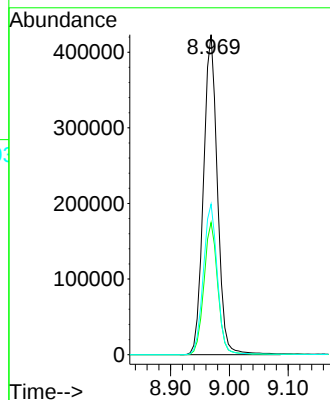
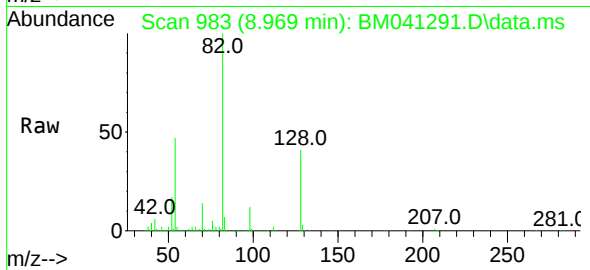
#23
Nitrobenzene-d5
Concen: 80.271 ng
RT: 8.969 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM041291.D
Acq: 04 Aug 2023 13:05

Instrument :
BNA_M
ClientSampleId :
COMP-3

Tgt Ion: 82 Resp: 69879
Ion Ratio Lower Upper
82 100
128 41.3 31.8 47.6
54 47.1 40.1 60.1

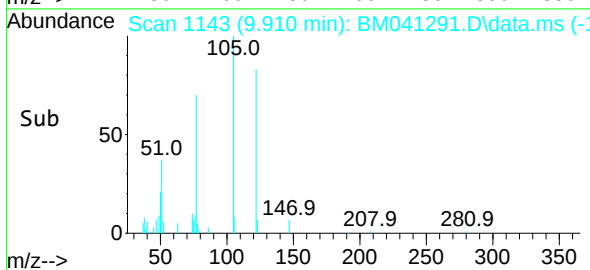
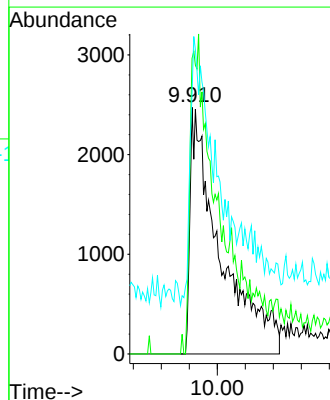
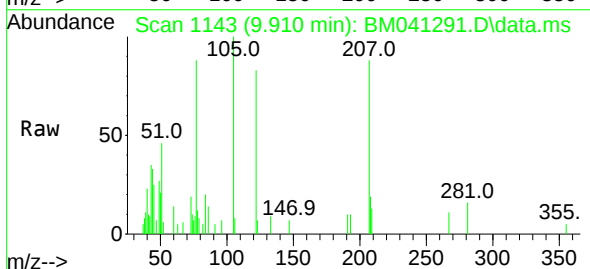
Manual Integrations
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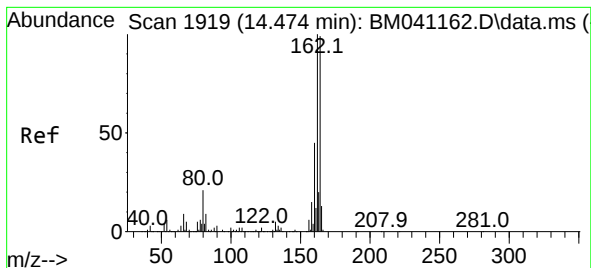
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#32
Benzoic acid
Concen: 10.605 ng m
RT: 9.910 min Scan# 1143
Delta R.T. -0.047 min
Lab File: BM041291.D
Acq: 04 Aug 2023 13:05

Tgt Ion:122 Resp: 18440
Ion Ratio Lower Upper
122 100
105 119.8 104.0 144.0
77 105.4 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: BM041291.D

Acq: 04 Aug 2023 13:05

Instrument :

BNA_M

ClientSampleId :

COMP-3

Tgt Ion:164 Resp: 29074

Ion Ratio Lower Upper

164 100

162 99.9 80.4 120.6

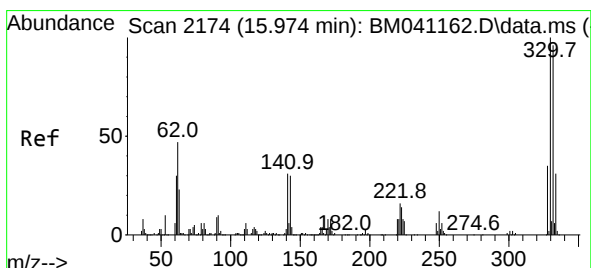
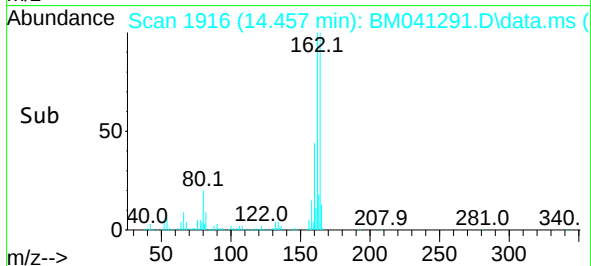
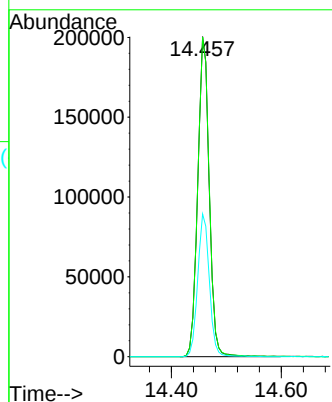
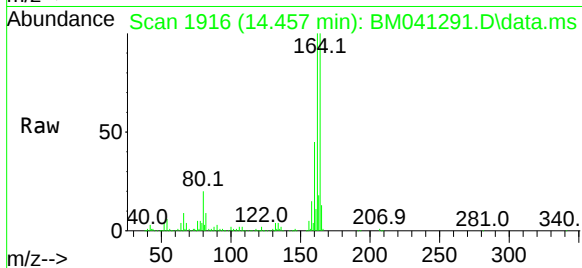
160 44.6 36.2 54.2

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 159.030 ng

RT: 15.962 min Scan# 2172

Delta R.T. -0.006 min

Lab File: BM041291.D

Acq: 04 Aug 2023 13:05

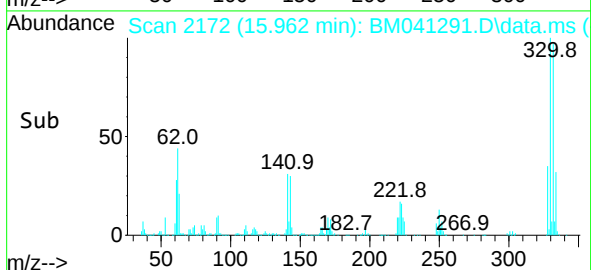
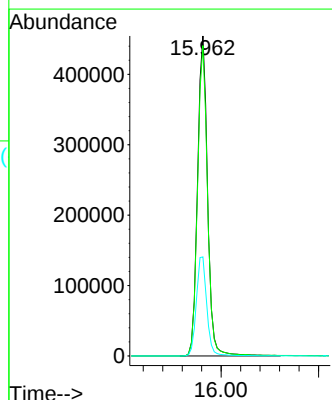
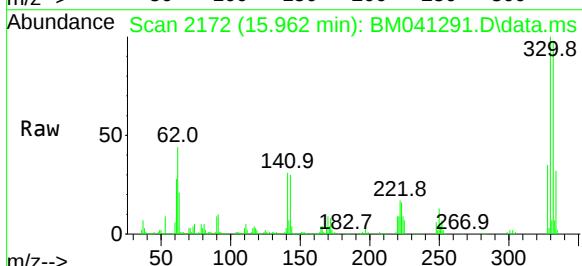
Tgt Ion:330 Resp: 654002

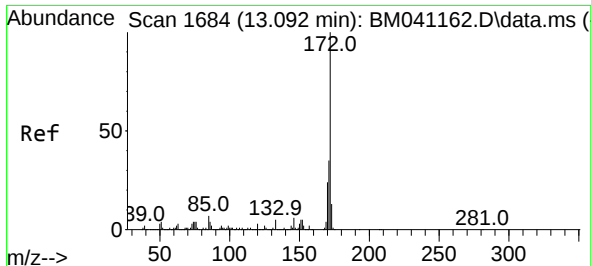
Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

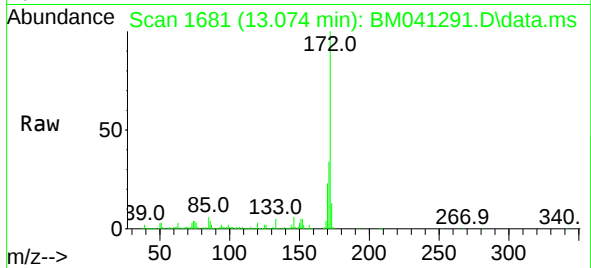
141 32.3 28.3 42.5





#45
2-Fluorobiphenyl
Concen: 74.203 ng
RT: 13.074 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM041291.D
Acq: 04 Aug 2023 13:05

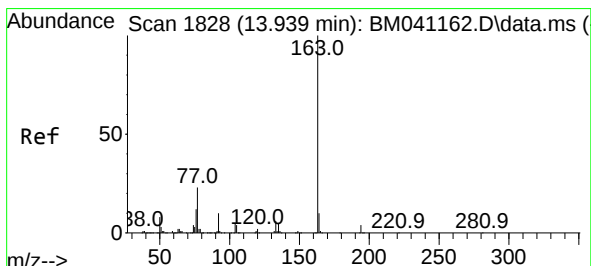
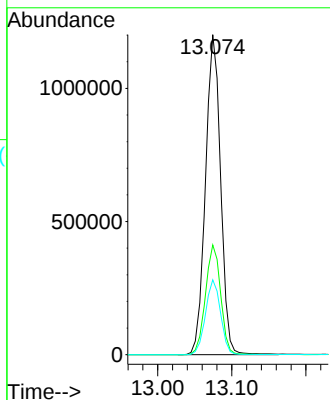
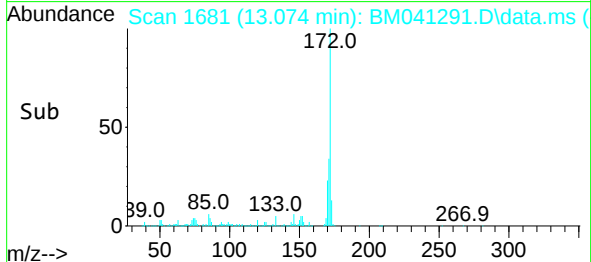
Instrument :
BNA_M
ClientSampleId :
COMP-3



Tgt Ion:172 Resp: 1707840
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.4 18.9 28.3

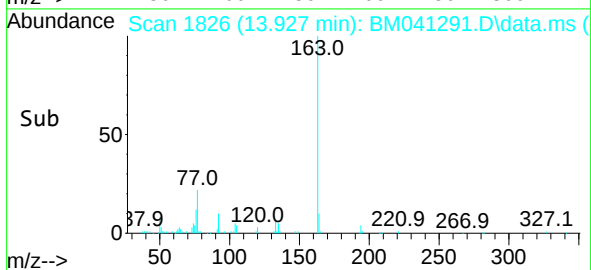
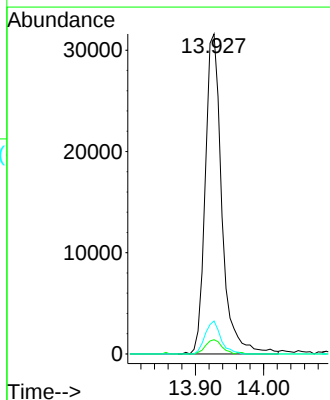
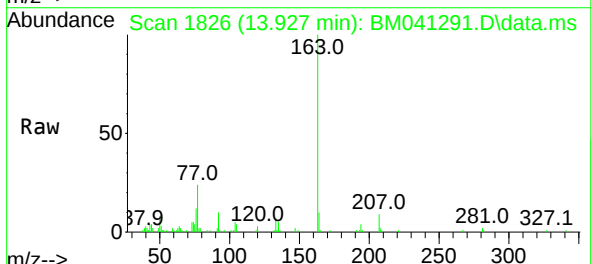
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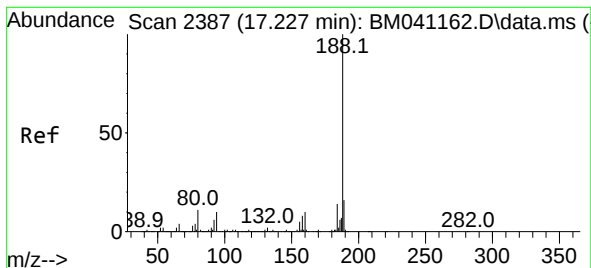
Reviewed By :Yogesh Patel 08/07/2023
Supervised By :mohammad ahmed 08/07/2023



#50
Dimethylphthalate
Concen: 2.444 ng
RT: 13.927 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BM041291.D
Acq: 04 Aug 2023 13:05

Tgt Ion:163 Resp: 53447
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.3 8.3 12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041291.D

Acq: 04 Aug 2023 13:05

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:188 Resp: 767749

Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.2

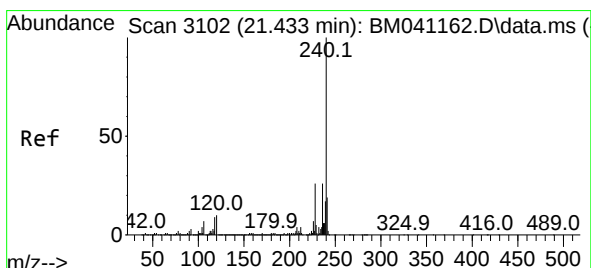
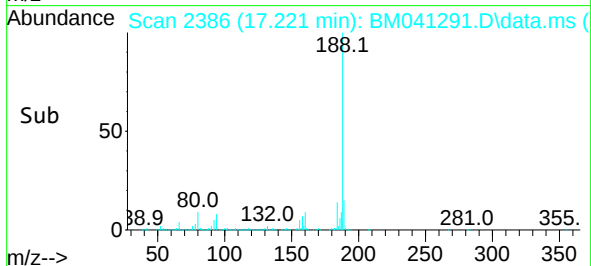
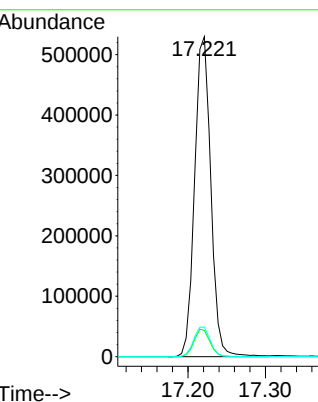
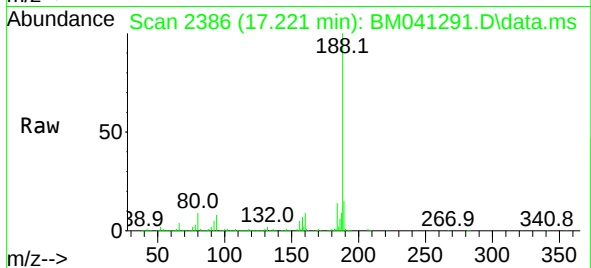
80 9.2 8.6 13.0

Manual Integrations

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Supervised By :mohammad ahmed 08/07/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.012 min

Lab File: BM041291.D

Acq: 04 Aug 2023 13:05

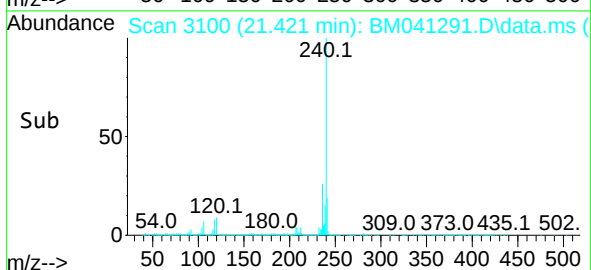
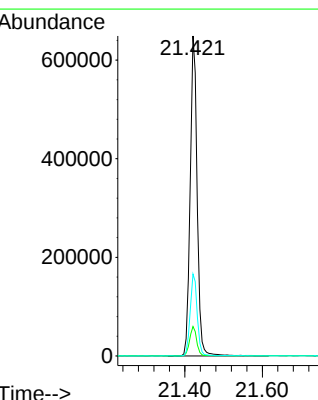
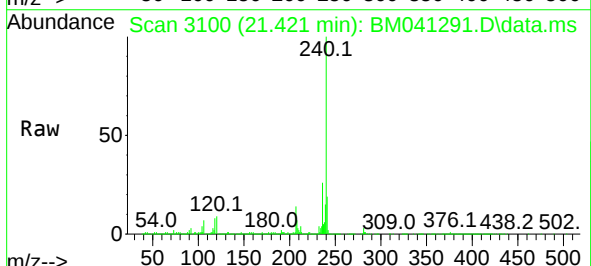
Tgt Ion:240 Resp: 812613

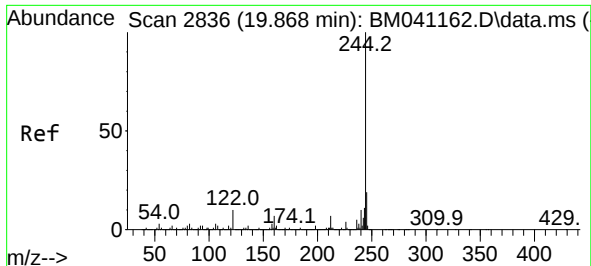
Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

236 25.6 20.6 30.8





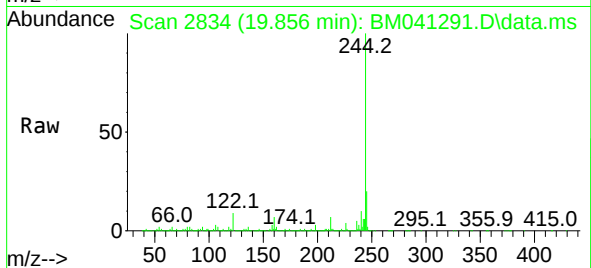
#79
 Terphenyl-d14
 Concen: 94.539 ng
 RT: 19.856 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM041291.D
 Acq: 04 Aug 2023 13:05

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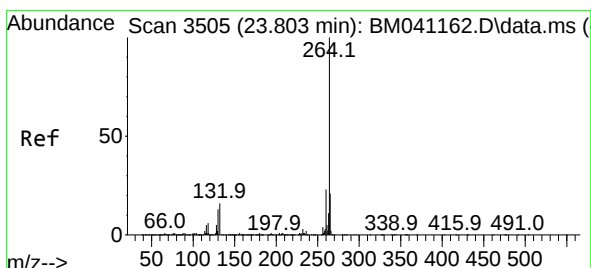
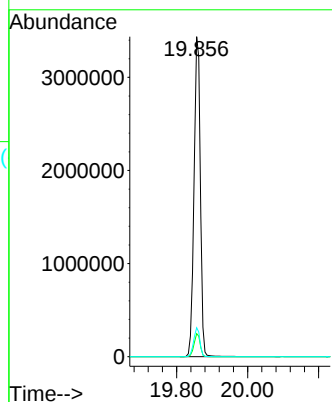
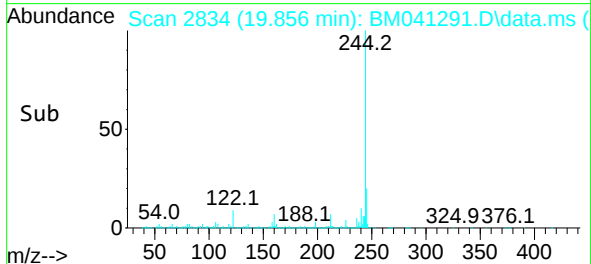


Tgt Ion:244 Resp: 4248984
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 9.1 7.8 11.6

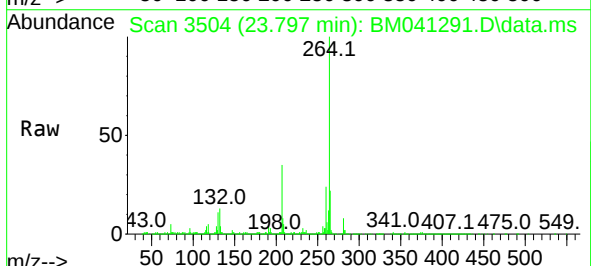
Manual Integrations

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



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.797 min Scan# 3504
 Delta R.T. -0.006 min
 Lab File: BM041291.D
 Acq: 04 Aug 2023 13:05



Tgt Ion:264 Resp: 789583
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.5 27.7
 265 22.0 17.4 26.0

