

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
 Data File : BP021604.D
 Acq On : 21 Aug 2024 19:35
 Operator : RC/JU
 Sample : P3617-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VCPS-B2-081424-6W-DUP

Quant Time: Aug 22 00:21:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/22/2024
 Supervised By :mohammad ahmed 08/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	178213	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	700330	20.000	ng	-0.01
39) Acenaphthene-d10	14.445	164	448278	20.000	ng	-0.01
64) Phenanthrene-d10	17.257	188	1032322	20.000	ng	0.00
76) Chrysene-d12	21.716	240	1158391	20.000	ng	0.02
86) Perylene-d12	25.151	264	1398973	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	799113	66.582	ng	0.00
7) Phenol-d6	6.963	99	672304	38.400	ng	0.00
23) Nitrobenzene-d5	8.946	82	1372072	101.123	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	932606	186.927	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2496965	85.009	ng	0.00
79) Terphenyl-d14	19.980	244	5596625	93.861	ng	0.00
Target Compounds						
35) Caprolactam	11.504	113	23128m	5.945	ng	Qvalue

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

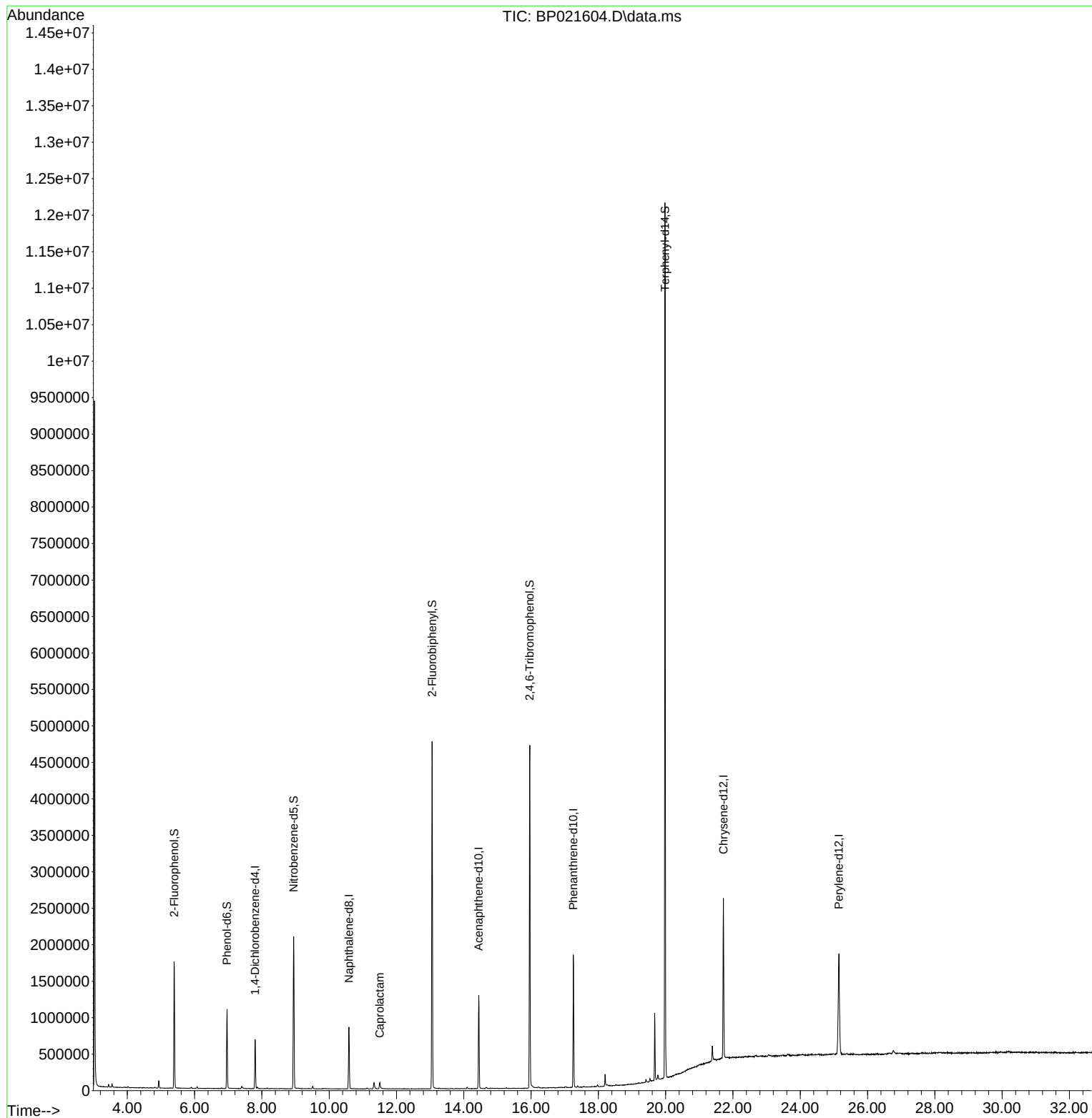
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
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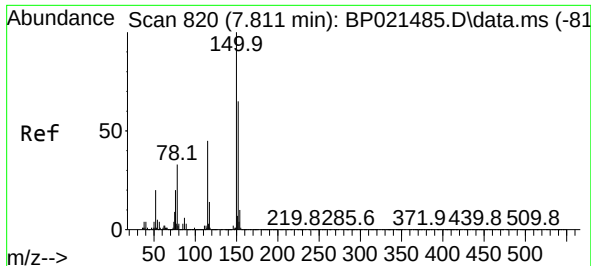
Instrument :
BNA_P
ClientSampleId :
VCPS-B2-081424-6W-DUP

Quant Time: Aug 22 00:21:00 2024
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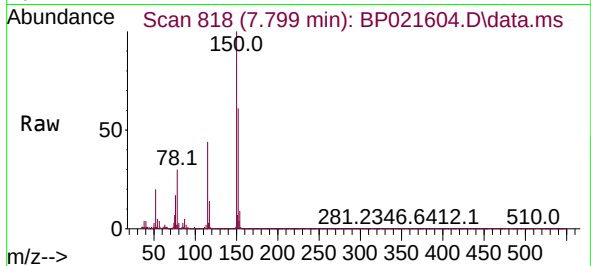
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP021604.D
Acq: 21 Aug 2024 19:35

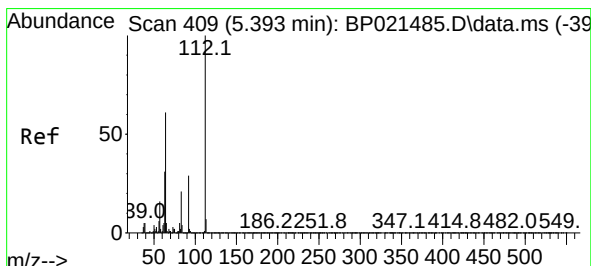
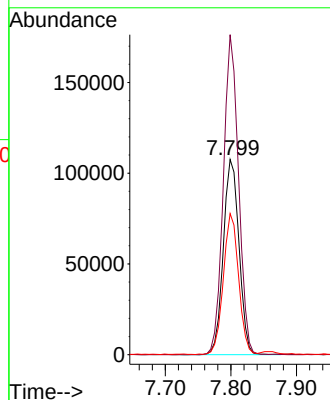
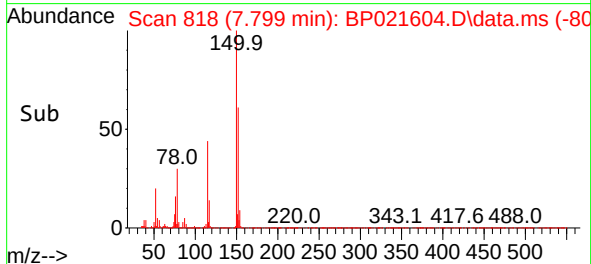
Instrument :
BNA_P
ClientSampleId :
VCPS-B2-081424-6W-DUP



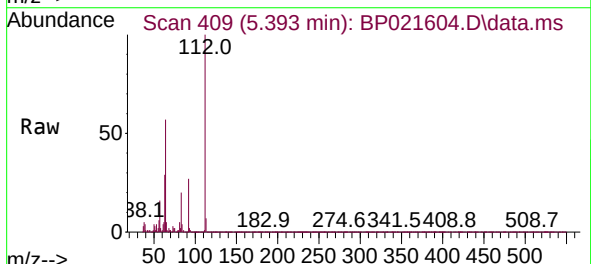
Tgt Ion:152 Resp: 17821
Ion Ratio Lower Upper
152 100
150 163.9 122.4 183.6
115 72.3 54.7 82.1

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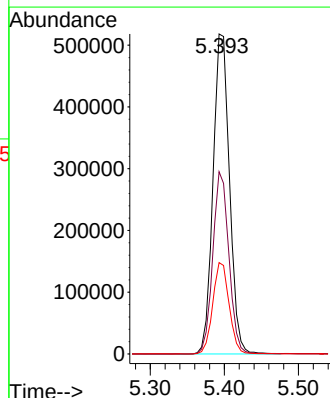
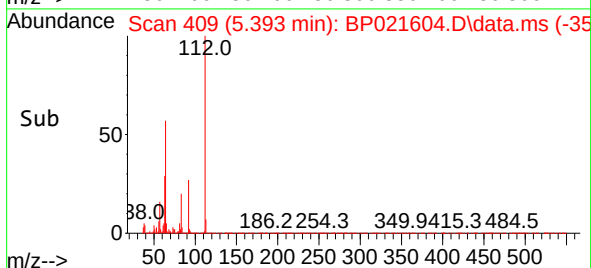
Reviewed By :Yogesh Patel 08/22/2024
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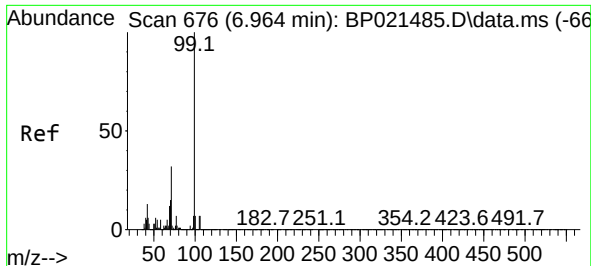


#5
2-Fluorophenol
Concen: 66.582 ng
RT: 5.393 min Scan# 409
Delta R.T. -0.000 min
Lab File: BP021604.D
Acq: 21 Aug 2024 19:35



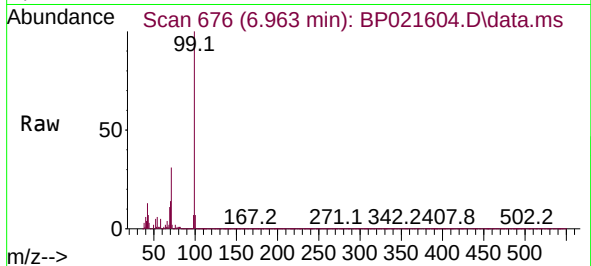
Tgt Ion:112 Resp: 799113
Ion Ratio Lower Upper
112 100
64 56.9 49.0 73.6
63 28.6 24.6 36.8





#7
Phenol-d6
Concen: 38.400 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021604.D
Acq: 21 Aug 2024 19:35

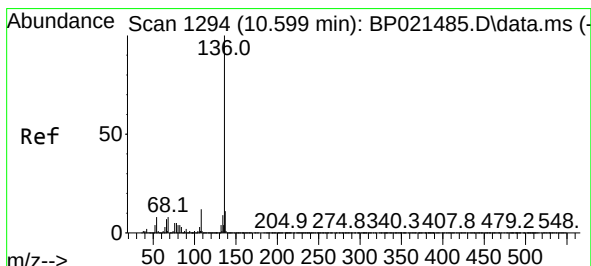
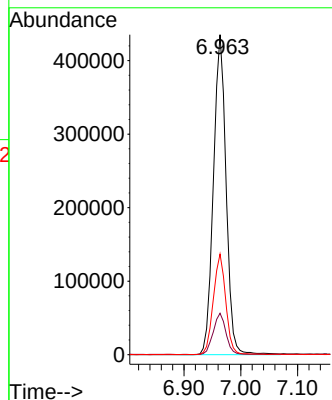
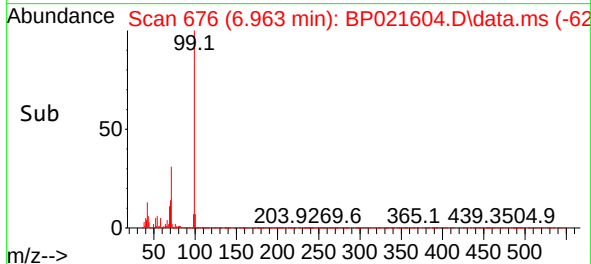
Instrument :
BNA_P
ClientSampleId :
VCPS-B2-081424-6W-DUP



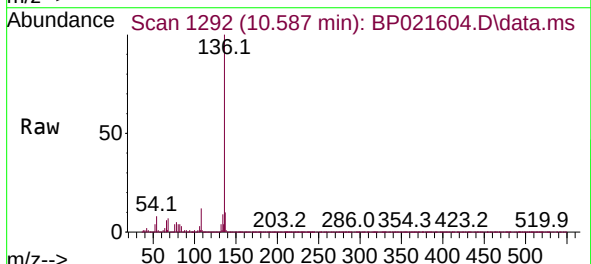
Tgt Ion: 99 Resp: 672304
Ion Ratio Lower Upper
99 100
42 13.0 10.2 15.4
71 31.5 25.8 38.8

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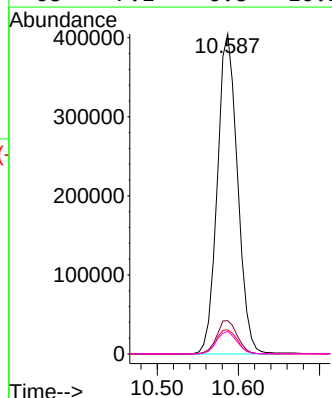
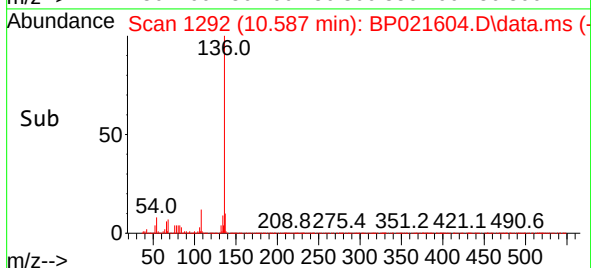
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

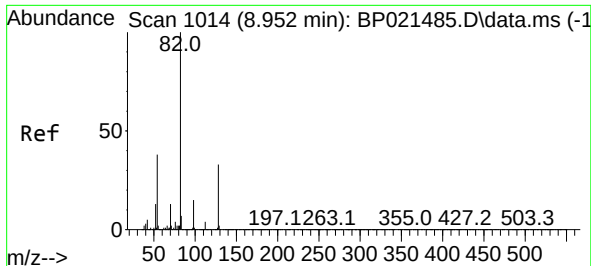


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP021604.D
Acq: 21 Aug 2024 19:35



Tgt Ion:136 Resp: 700330
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.6 6.3 9.5
68 7.1 6.8 10.2





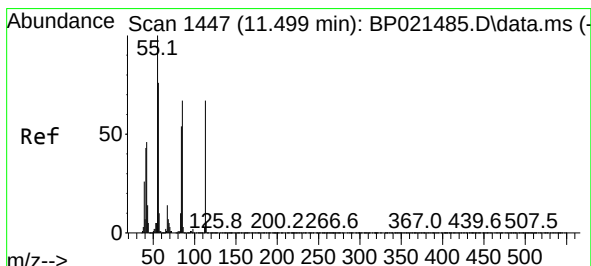
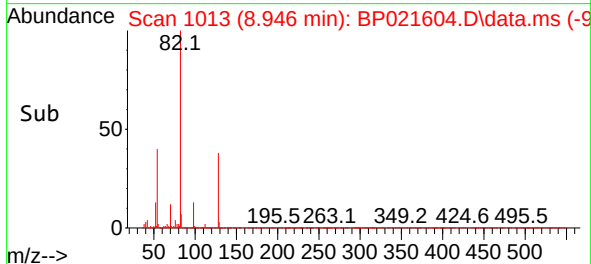
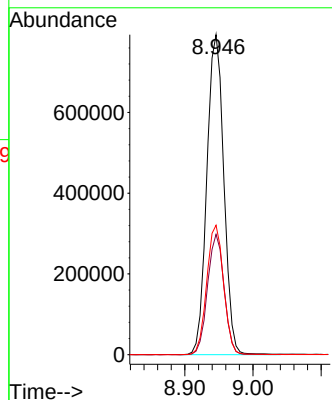
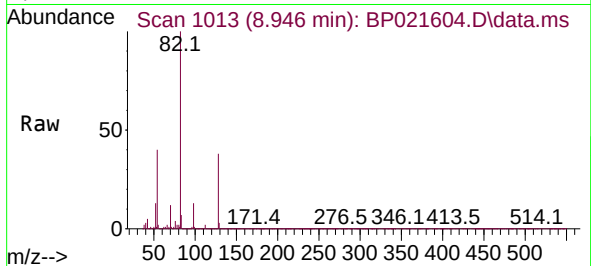
#23
Nitrobenzene-d5
Concen: 101.123 ng
RT: 8.946 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP021604.D
Acq: 21 Aug 2024 19:35

Instrument :
BNA_P
ClientSampleId :
VCPS-B2-081424-6W-DUP

Tgt Ion: 82 Resp: 137207
Ion Ratio Lower Upper
82 100
128 37.6 26.5 39.7
54 40.4 30.3 45.5

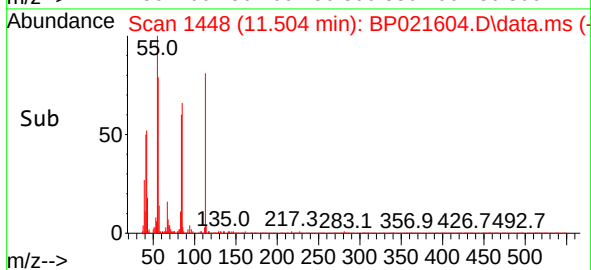
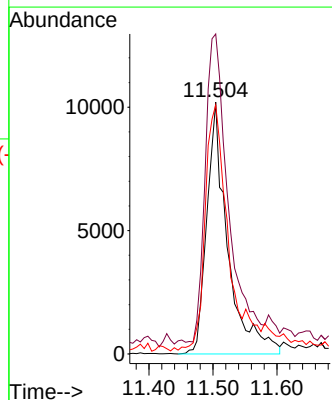
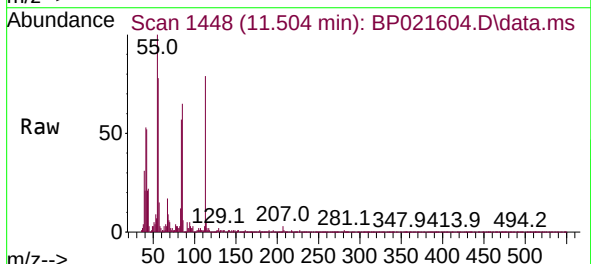
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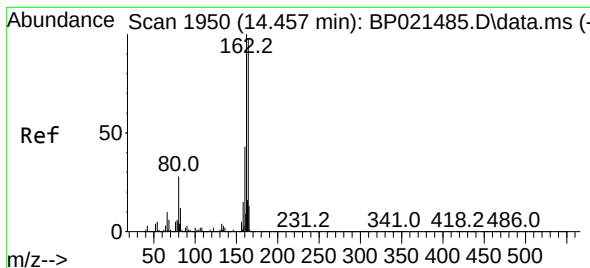
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#35
Caprolactam
Concen: 5.945 ng m
RT: 11.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BP021604.D
Acq: 21 Aug 2024 19:35

Tgt Ion:113 Resp: 23128
Ion Ratio Lower Upper
113 100
55 127.0 130.6 170.6#
56 98.8 94.6 134.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BP021604.D

Acq: 21 Aug 2024 19:35

Instrument :

BNA_P

ClientSampleId :

VCPS-B2-081424-6W-DUP

Tgt Ion:164 Resp: 448278

Ion Ratio Lower Upper

164 100

162 101.1 81.5 122.3

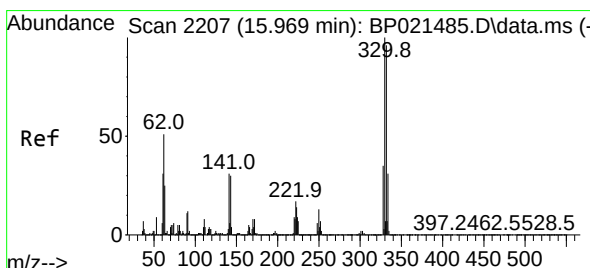
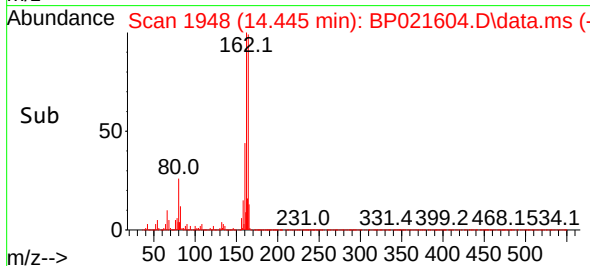
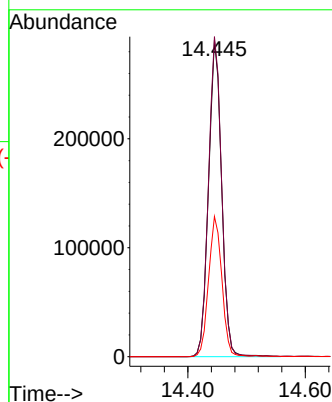
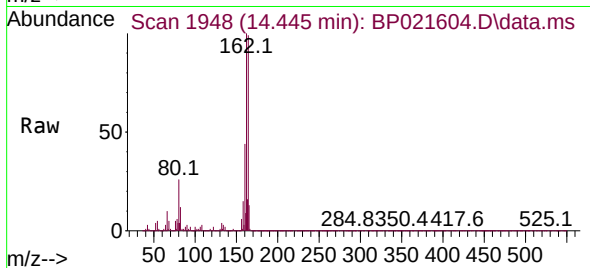
160 44.3 35.2 52.8

Manual Integrations

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#42

2,4,6-Tribromophenol

Concen: 186.927 ng

RT: 15.963 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BP021604.D

Acq: 21 Aug 2024 19:35

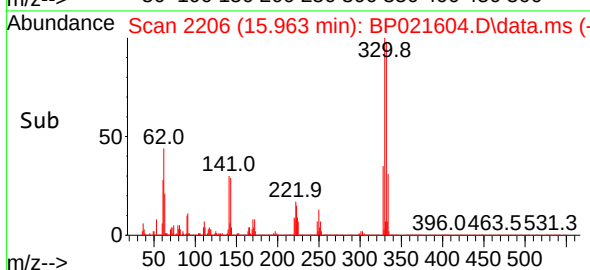
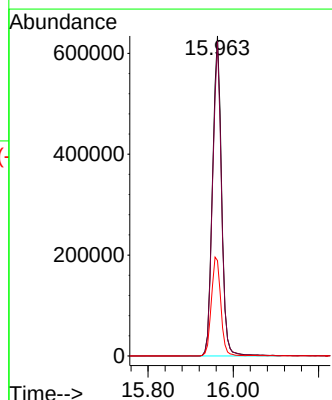
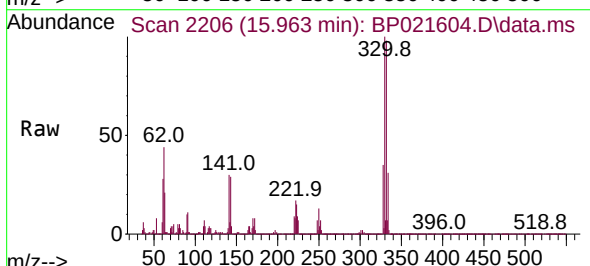
Tgt Ion:330 Resp: 932606

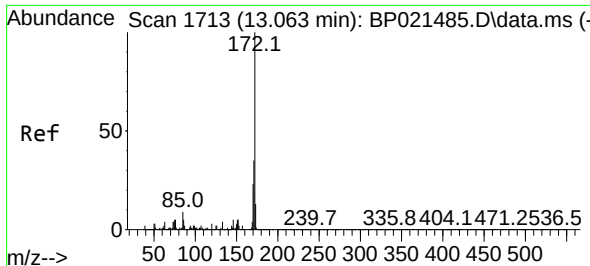
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

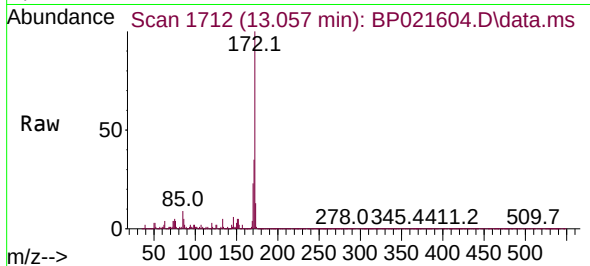
141 32.2 24.5 36.7





#45
2-Fluorobiphenyl
Concen: 85.009 ng
RT: 13.057 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP021604.D
Acq: 21 Aug 2024 19:35

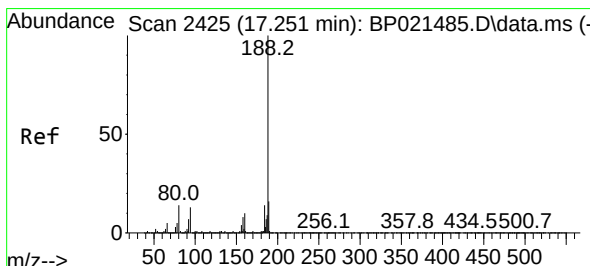
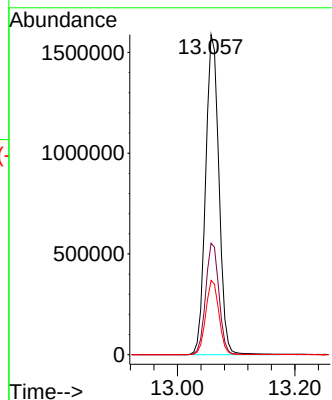
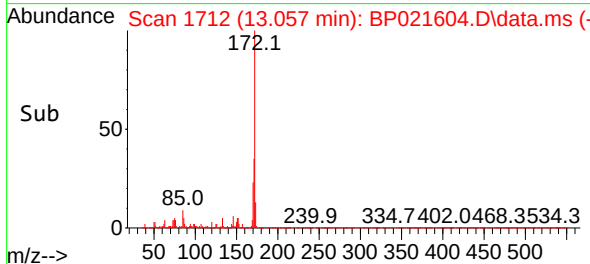
Instrument :
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Tgt Ion:172 Resp: 249696
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.4
170 23.2 18.4 27.6

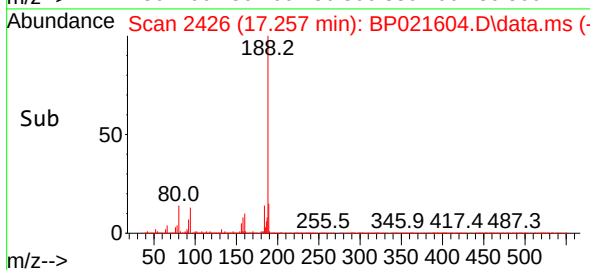
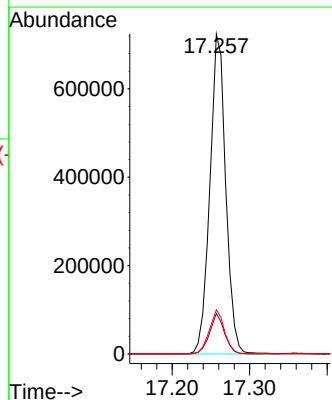
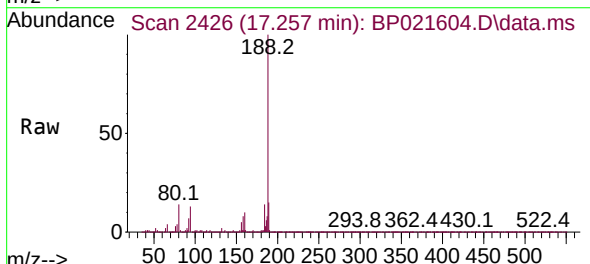
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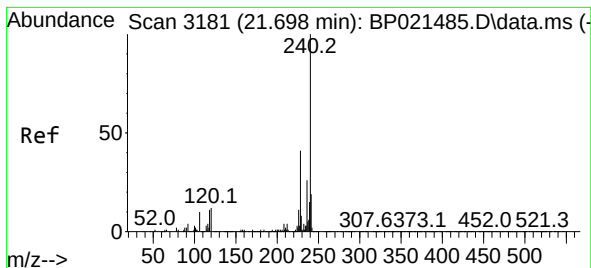
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP021604.D
Acq: 21 Aug 2024 19:35

Tgt Ion:188 Resp: 1032322
Ion Ratio Lower Upper
188 100
94 12.6 10.2 15.4
80 13.8 11.6 17.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.716 min Scan# 3181

Delta R.T. 0.018 min

Lab File: BP021604.D

Acq: 21 Aug 2024 19:35

Instrument :

BNA_P

ClientSampleId :

VCPS-B2-081424-6W-DUP

Tgt Ion:240 Resp: 115839

Ion Ratio Lower Upper

240 100

120 12.2 9.9 14.9

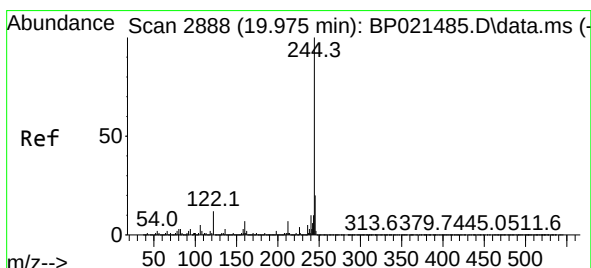
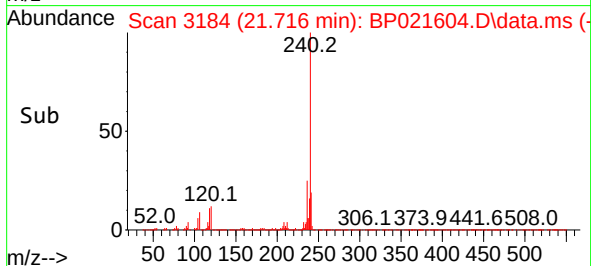
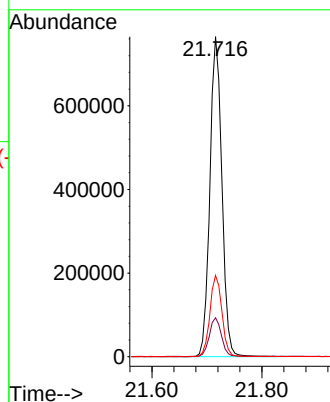
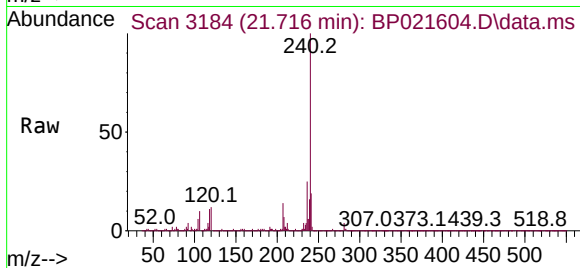
236 25.4 20.6 30.8

Manual Integrations

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#79

Terphenyl-d14

Concen: 93.861 ng

RT: 19.980 min Scan# 2889

Delta R.T. 0.005 min

Lab File: BP021604.D

Acq: 21 Aug 2024 19:35

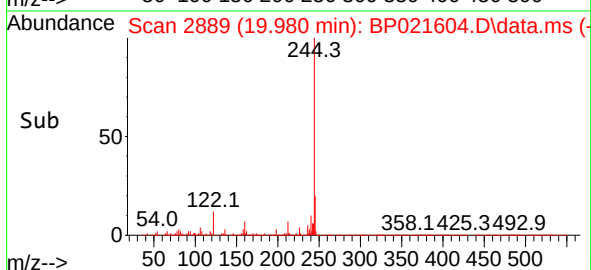
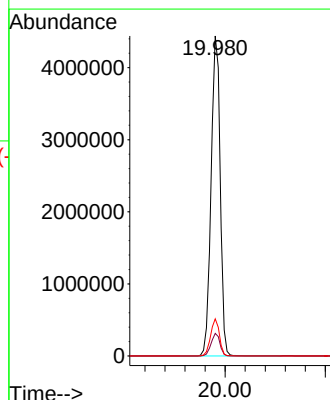
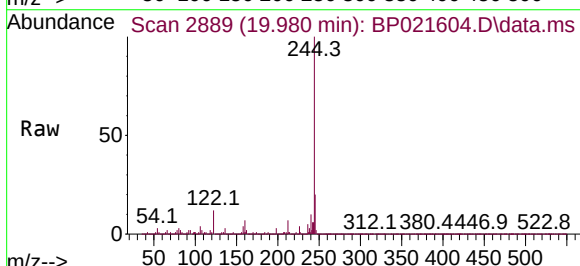
Tgt Ion:244 Resp: 5596625

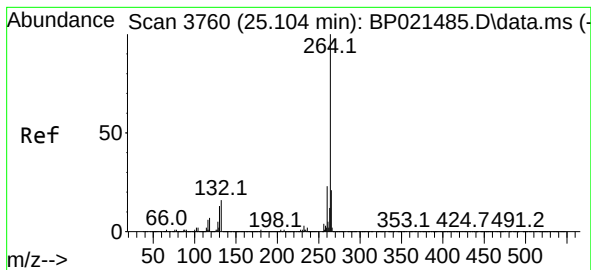
Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

122 11.6 9.4 14.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.151 min Scan# 31

Delta R.T. 0.047 min

Lab File: BP021604.D

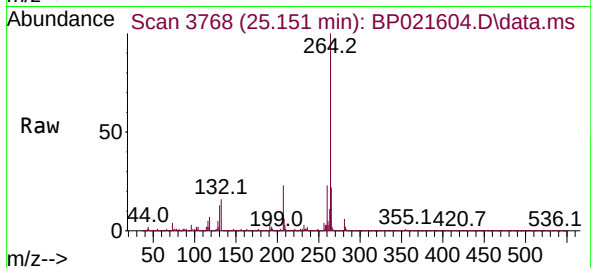
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Tgt Ion:264 Resp: 139897

Ion Ratio Lower Upper

264 100

260 22.5 18.6 28.0

265 21.7 17.1 25.7

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Supervised By :mohammad ahmed 08/22/2024

