

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
 Data File : BP024314.D
 Acq On : 16 Apr 2025 16:35
 Operator : RC/JU
 Sample : Q1791-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VB16193

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/17/2025
 Supervised By :Jagrut Upadhyay 04/17/2025

Quant Time: Apr 16 16:57:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	307775	20.000	ng	0.00
21) Naphthalene-d8	10.499	136	1174987	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	651102	20.000	ng	-0.01
64) Phenanthrene-d10	17.169	188	1155523	20.000	ng	-0.01
76) Chrysene-d12	21.610	240	1092460	20.000	ng	-0.01
86) Perylene-d12	24.963	264	1379940	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1540860	82.779	ng	0.00
7) Phenol-d6	6.911	99	1588671	62.331	ng	0.00
23) Nitrobenzene-d5	8.875	82	1556476	75.535	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	926256	102.822	ng	-0.01
45) 2-Fluorobiphenyl	12.969	172	3020064	71.019	ng	-0.01
79) Terphenyl-d14	19.904	244	3587783	66.196	ng	-0.02
Target Compounds						
74) Di-n-butylphthalate	18.186	149	788731	10.665	ng	Qvalue 100
84) Bis(2-ethylhexyl)phtha...	21.533	149	953345m	21.869	ng	

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

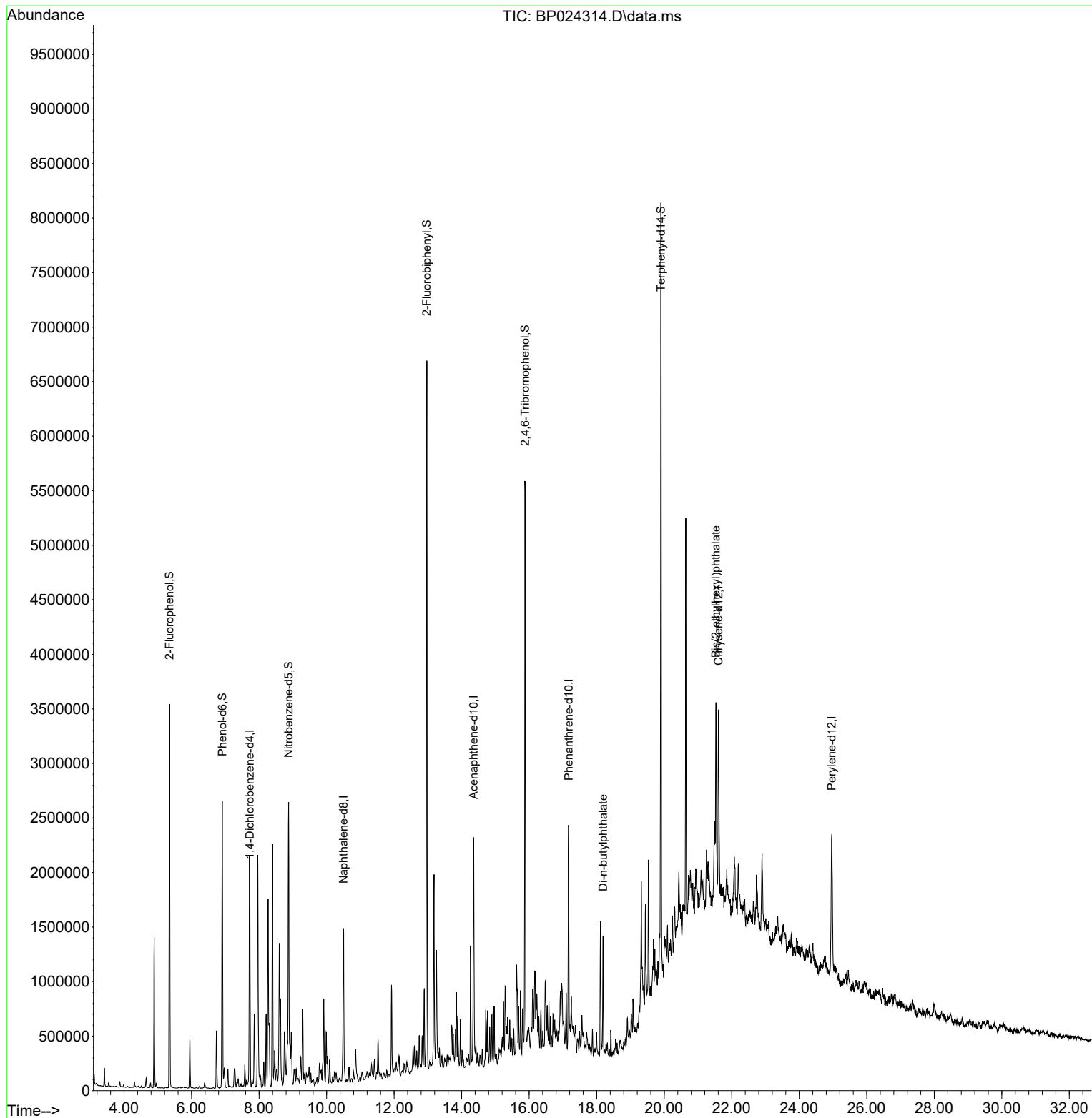
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024314.D
Acq On : 16 Apr 2025 16:35
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Sample : Q1791-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

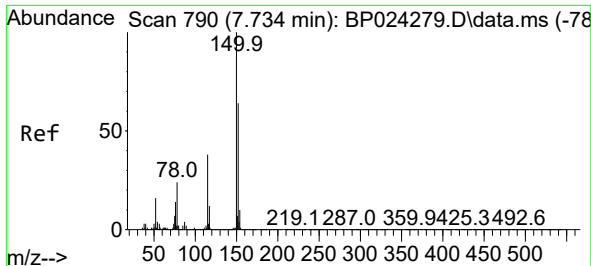
Instrument :
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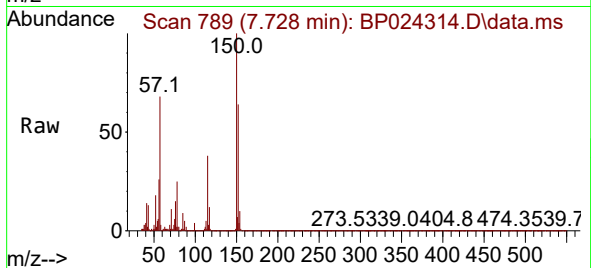
Quant Time: Apr 16 16:57:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 790
Delta R.T. 0.000 min
Lab File: BP024314.D
Acq: 16 Apr 2025 16:35

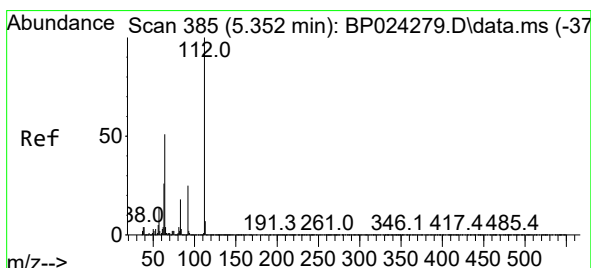
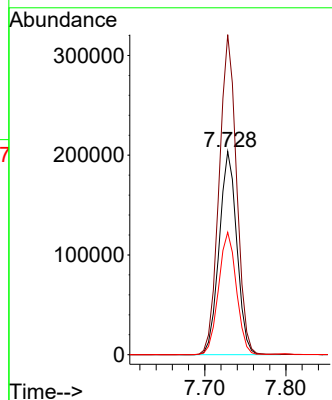
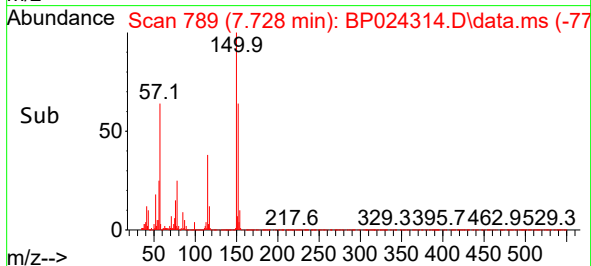
Instrument :
BNA_P
ClientSampleId :
VB16193



Tgt Ion:152 Resp: 307775
Ion Ratio Lower Upper
152 100
150 157.4 124.9 187.3
115 60.2 47.7 71.5

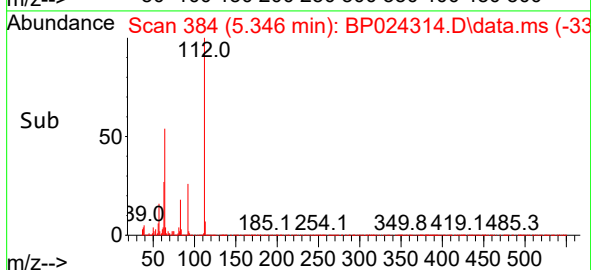
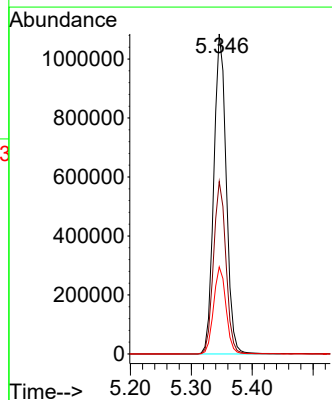
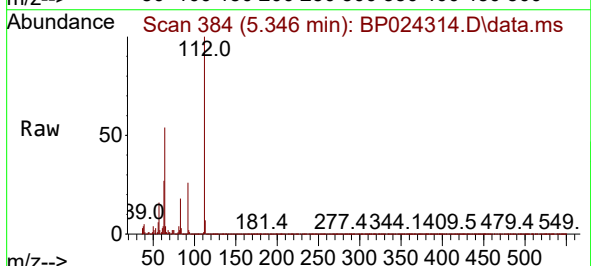
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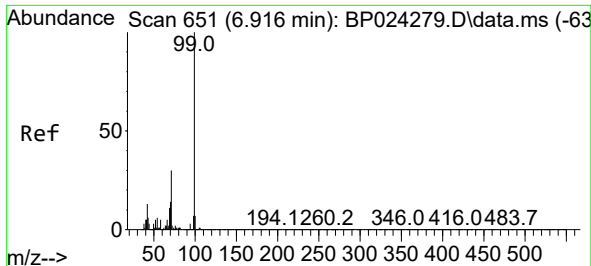
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#5
2-Fluorophenol
Concen: 82.779 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP024314.D
Acq: 16 Apr 2025 16:35

Tgt Ion:112 Resp: 1540860
Ion Ratio Lower Upper
112 100
64 53.8 41.1 61.7
63 27.2 20.6 30.8





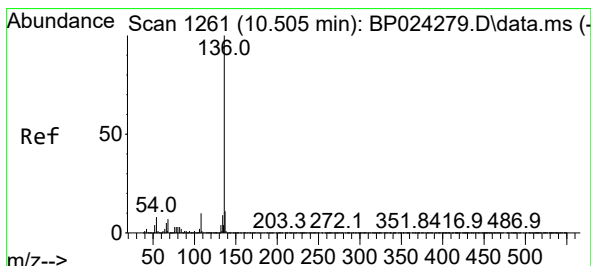
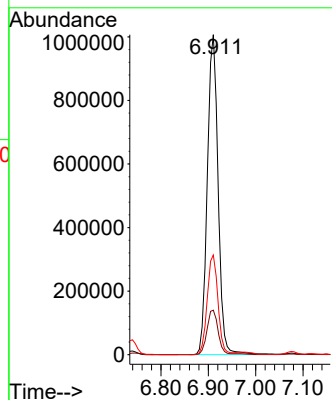
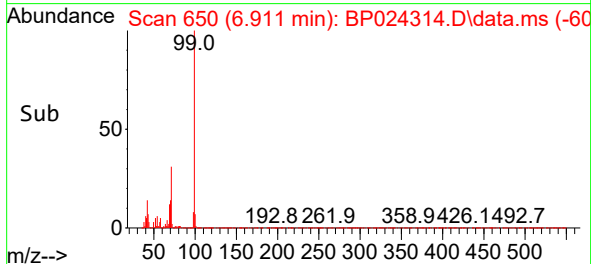
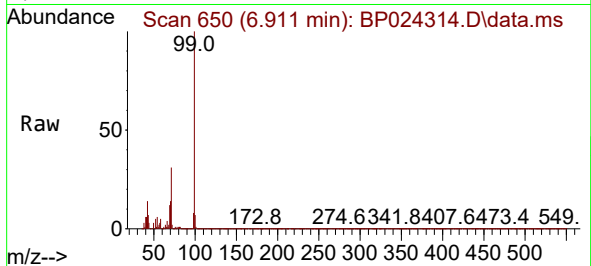
#7
Phenol-d6
Concen: 62.331 ng
RT: 6.911 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP024314.D
Acq: 16 Apr 2025 16:35

Instrument :
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ClientSampleId :
VB16193

Tgt Ion: 99 Resp: 158867
Ion Ratio Lower Upper
99 100
42 13.9 10.6 16.0
71 31.2 23.7 35.5

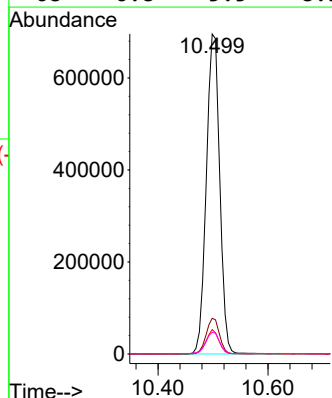
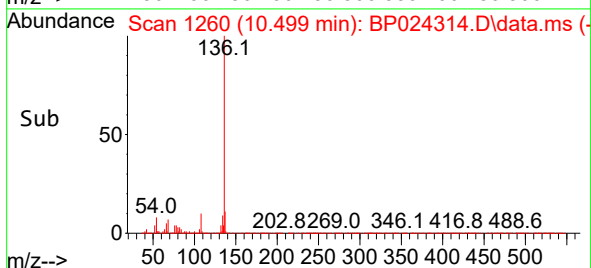
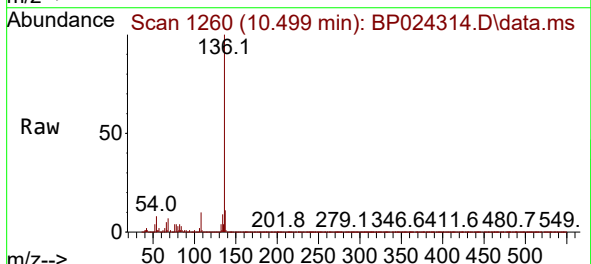
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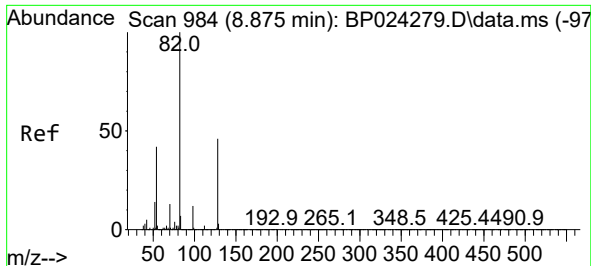
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.499 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BP024314.D
Acq: 16 Apr 2025 16:35

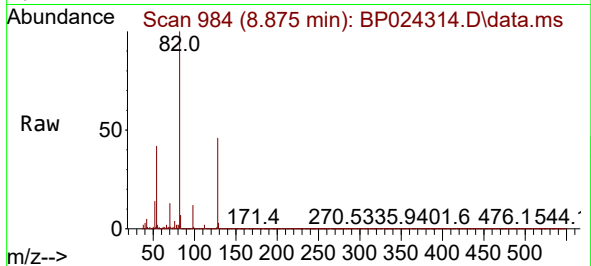
Tgt Ion:136 Resp: 1174987
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 7.6 6.0 9.0
68 6.8 5.5 8.3





#23
 Nitrobenzene-d5
 Concen: 75.535 ng
 RT: 8.875 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024314.D
 Acq: 16 Apr 2025 16:35

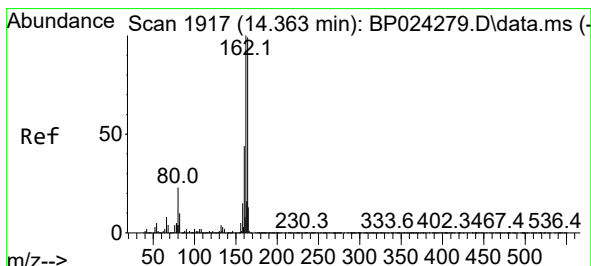
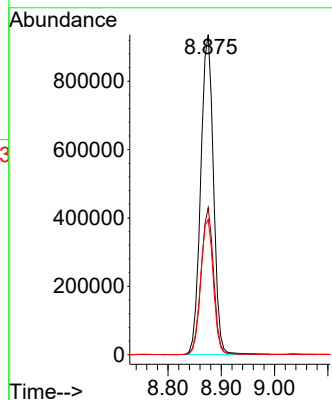
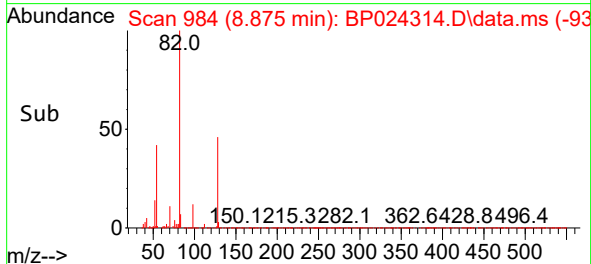
Instrument :
 BNA_P
 ClientSampleId :
 VB16193



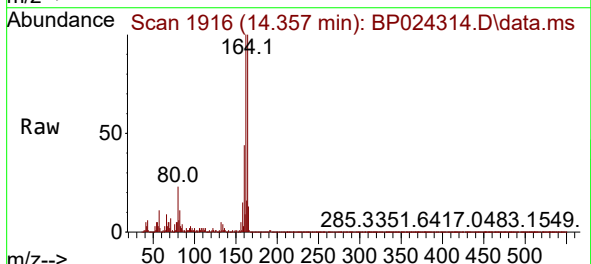
Tgt Ion: 82 Resp: 1556470
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.5 54.7
 54 42.3 33.4 50.2

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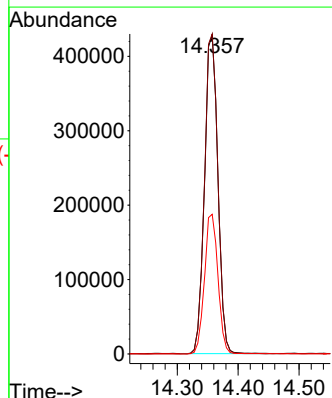
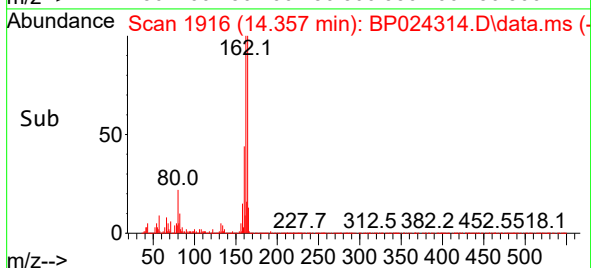
Reviewed By :Rahul Chavli 04/17/2025
 Supervised By :Jagrut Upadhyay 04/17/2025

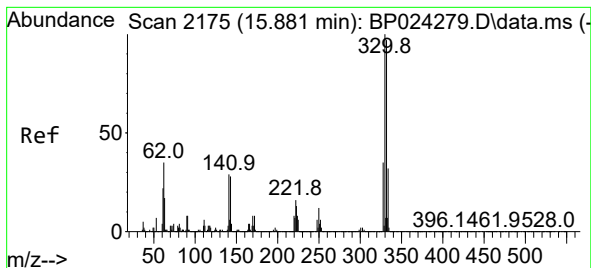


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.357 min Scan# 1916
 Delta R.T. -0.012 min
 Lab File: BP024314.D
 Acq: 16 Apr 2025 16:35



Tgt Ion:164 Resp: 651102
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.6 120.8
 160 43.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 102.822 ng

RT: 15.881 min Scan# 2175

Delta R.T. -0.012 min

Lab File: BP024314.D

Acq: 16 Apr 2025 16:35

Instrument :

BNA_P

ClientSampleId :

VB16193

Tgt Ion:330 Resp: 926250

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

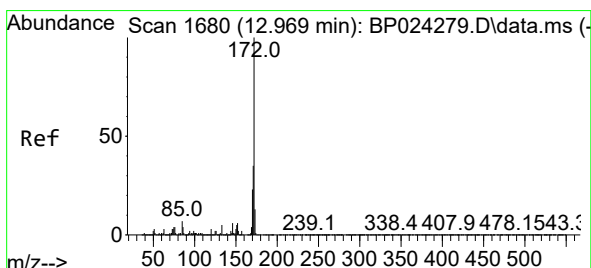
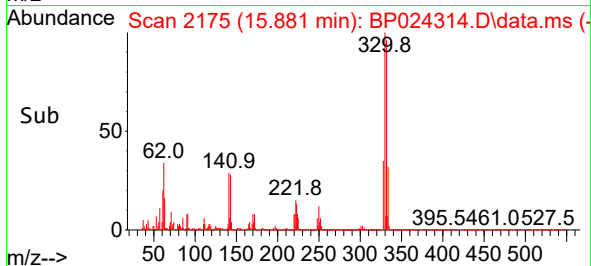
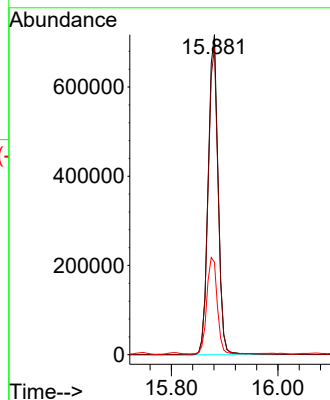
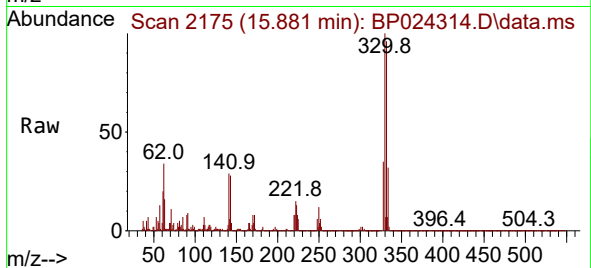
141 31.5 24.7 37.1

Manual Integrations

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#45

2-Fluorobiphenyl

Concen: 71.019 ng

RT: 12.969 min Scan# 1680

Delta R.T. -0.012 min

Lab File: BP024314.D

Acq: 16 Apr 2025 16:35

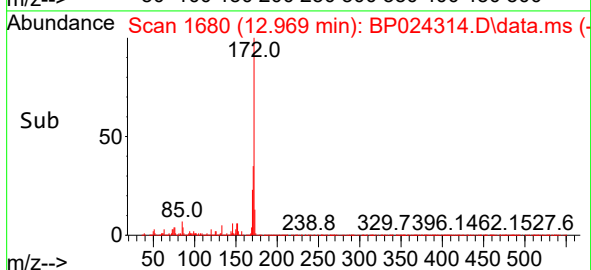
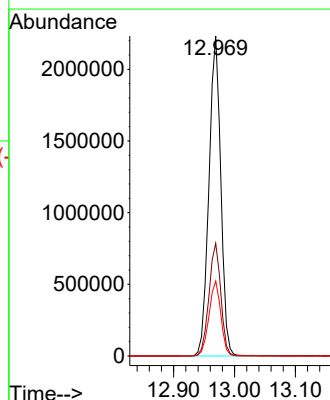
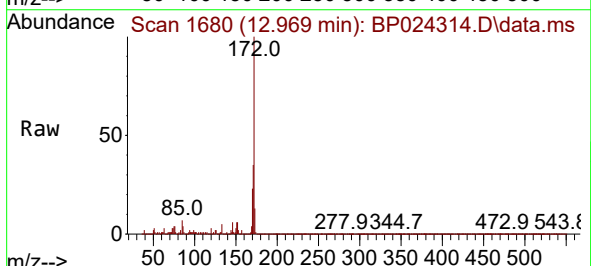
Tgt Ion:172 Resp: 3020064

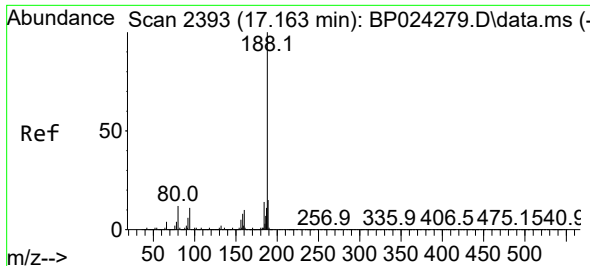
Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.2

170 23.5 18.6 27.8





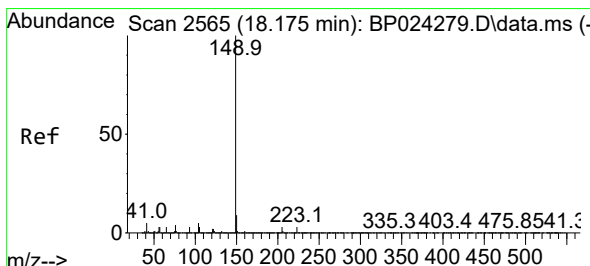
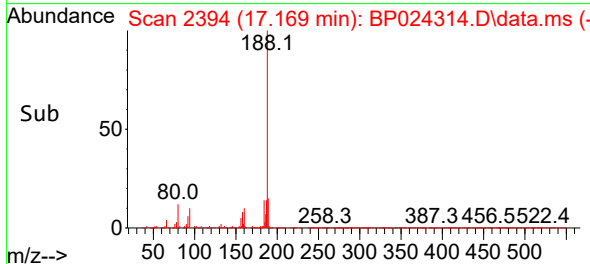
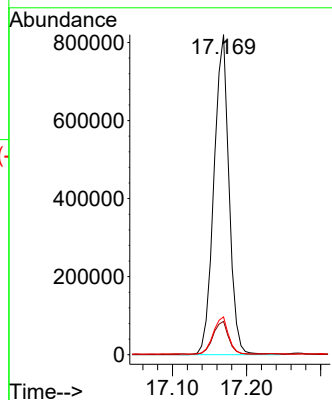
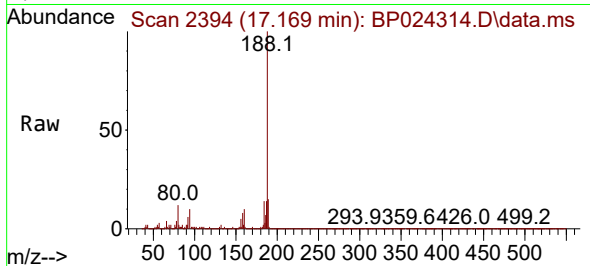
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP024314.D
Acq: 16 Apr 2025 16:35

Instrument :
BNA_P
ClientSampleId :
VB16193

Tgt Ion:188 Resp: 115552
Ion Ratio Lower Upper
188 100
94 10.4 8.6 13.0
80 11.8 9.8 14.6

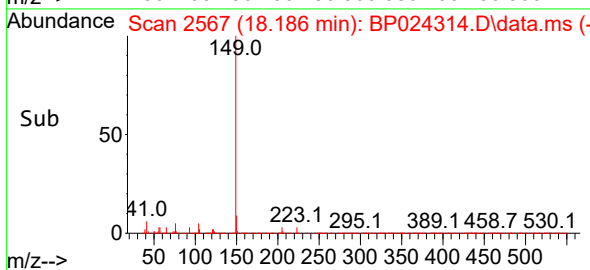
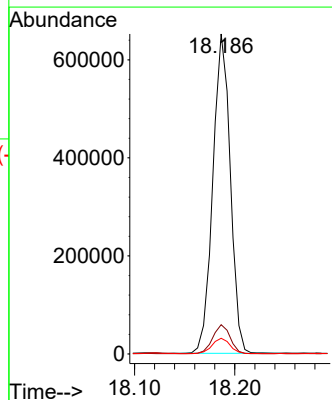
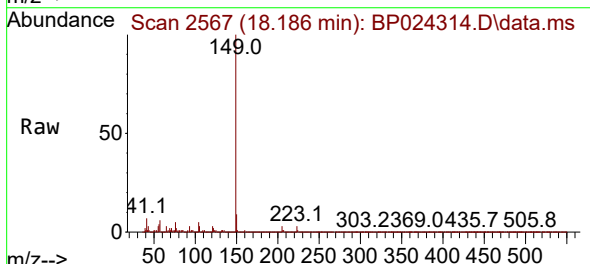
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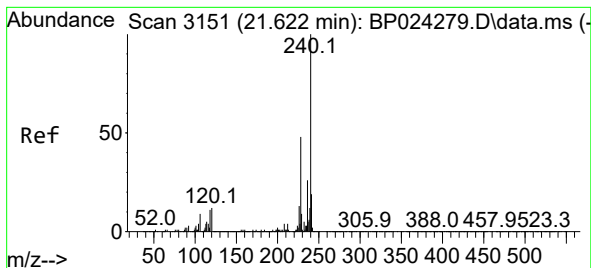
Reviewed By :Rahul Chavli 04/17/2025
Supervised By :Jagrut Upadhyay 04/17/2025



#74
Di-n-butylphthalate
Concen: 10.665 ng
RT: 18.186 min Scan# 2567
Delta R.T. -0.006 min
Lab File: BP024314.D
Acq: 16 Apr 2025 16:35

Tgt Ion:149 Resp: 788731
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.9 3.9 5.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.610 min Scan# 3151

Delta R.T. -0.012 min

Lab File: BP024314.D

Acq: 16 Apr 2025 16:35

Instrument :

BNA_P

ClientSampleId :

VB16193

Tgt Ion:240 Resp: 1092460

Ion Ratio Lower Upper

240 100

120 12.4 9.8 14.8

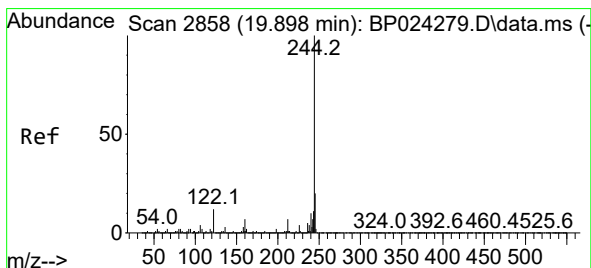
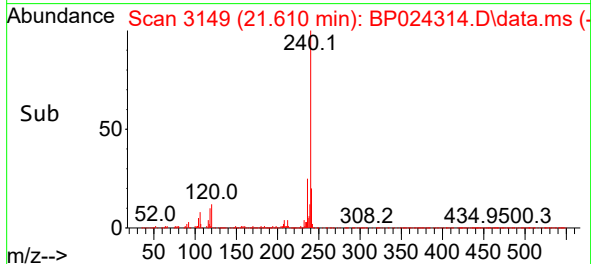
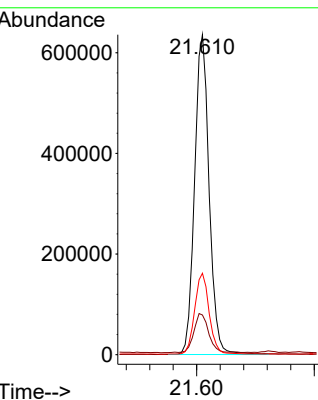
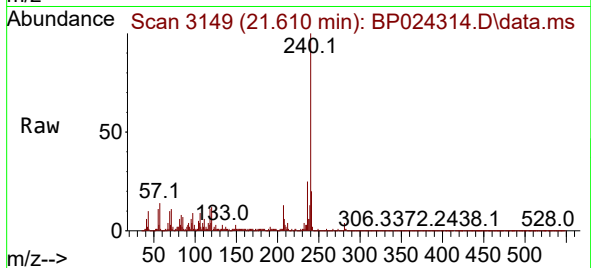
236 25.5 20.9 31.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/17/2025



#79

Terphenyl-d14

Concen: 66.196 ng

RT: 19.904 min Scan# 2859

Delta R.T. -0.018 min

Lab File: BP024314.D

Acq: 16 Apr 2025 16:35

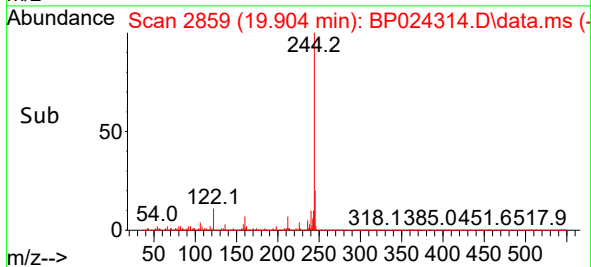
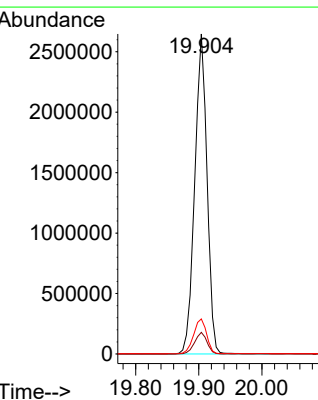
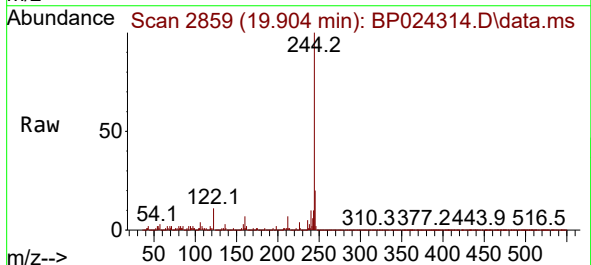
Tgt Ion:244 Resp: 3587783

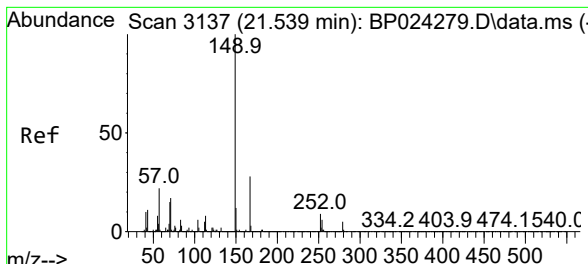
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

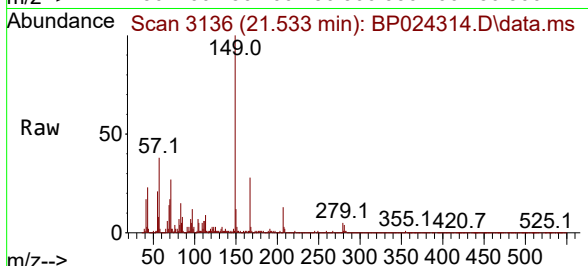
122 11.0 9.4 14.0





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 21.869 ng m
 RT: 21.533 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP024314.D
 Acq: 16 Apr 2025 16:35

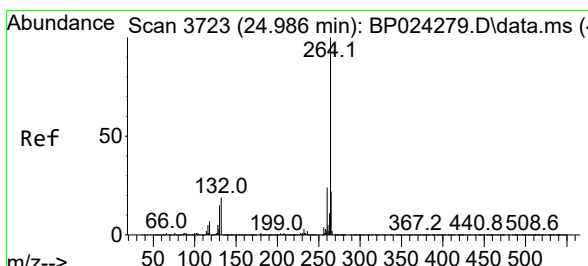
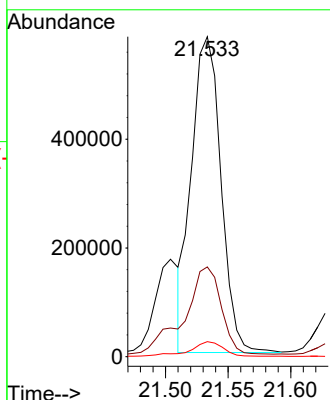
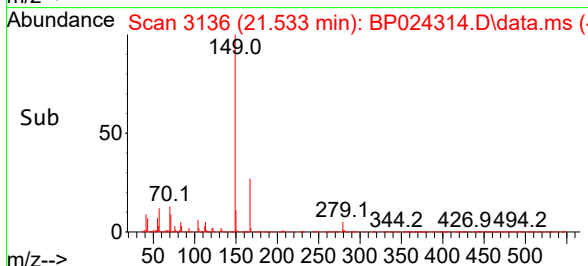
Instrument :
 BNA_P
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 VB16193



Tgt Ion:149 Resp: 95334
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.4 33.6
 279 4.7 4.0 6.0

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 Supervised By :Jagrut Upadhyay 04/17/2025



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.963 min Scan# 3719
 Delta R.T. -0.023 min
 Lab File: BP024314.D
 Acq: 16 Apr 2025 16:35

Tgt Ion:264 Resp: 1379940
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 22.3 17.8 26.6

