

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024694.D
 Acq On : 19 May 2025 18:19
 Operator : RC/JU
 Sample : Q2033-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-WTS-08

Quant Time: May 20 03:45:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 05/20/2025
 Supervised By :Jagrut Upadhyay 05/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	192352	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	773092	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	505969	20.000	ng	-0.01
64) Phenanthrene-d10	17.087	188	1051807	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	1193975	20.000	ng	0.00
86) Perylene-d12	24.798	264	1245483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	768744	68.356	ng	0.00
7) Phenol-d6	6.864	99	586618	40.870	ng	0.01
23) Nitrobenzene-d5	8.805	82	1211281	79.165	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	1342886	156.557	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	2970149	76.907	ng	0.00
79) Terphenyl-d14	19.804	244	6000561	86.175	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.475	128	115040	2.872	ng	99
32) Benzoic acid	9.775	122	34239m	11.038	ng	

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

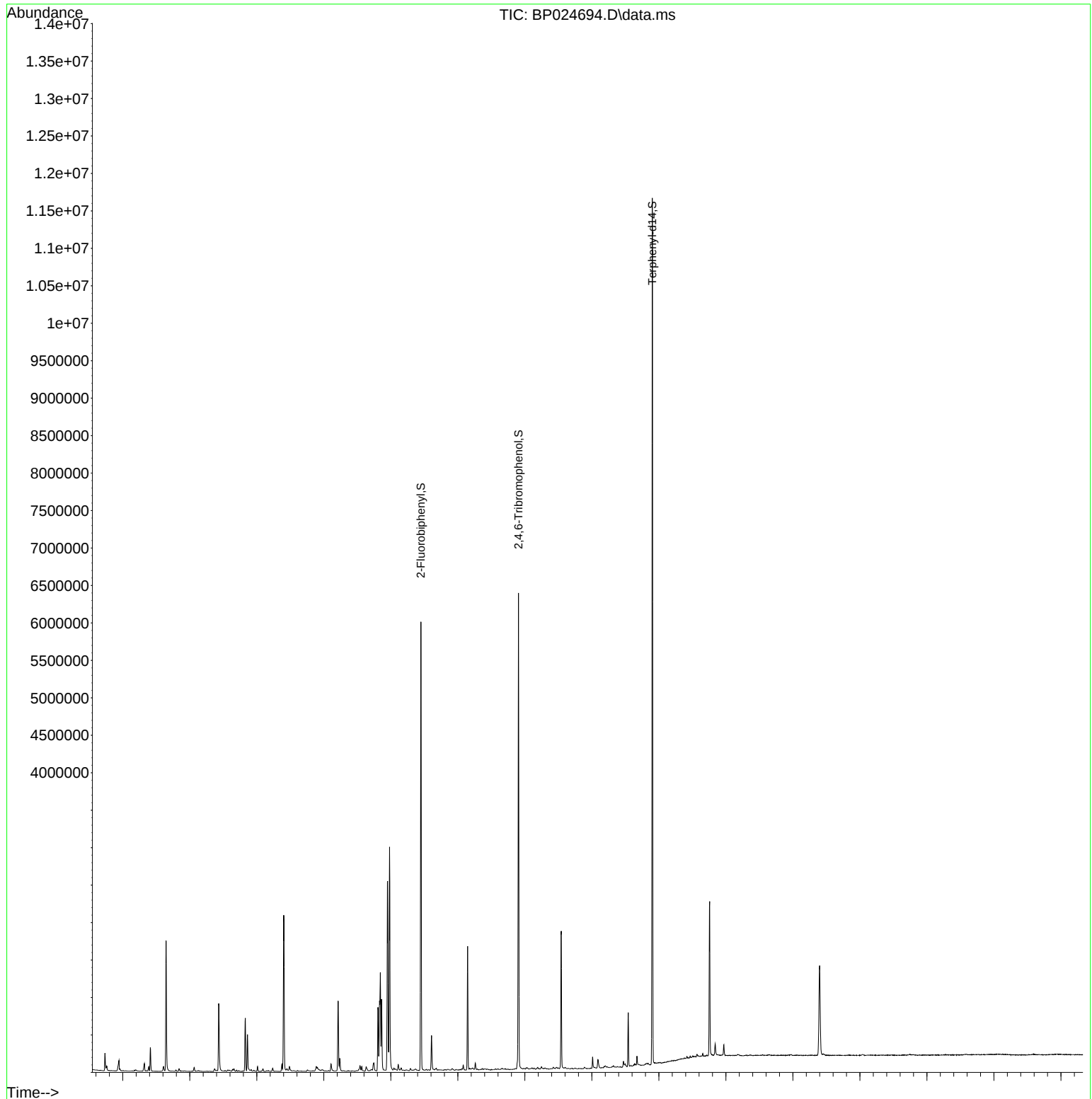
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
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ALS Vial : 10 Sample Multiplier: 1

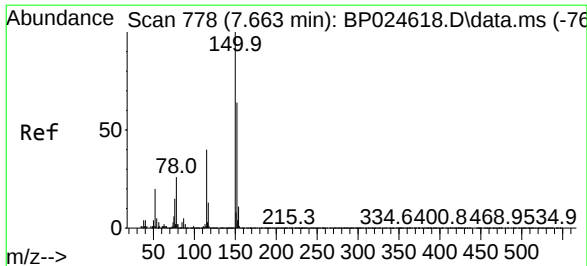
Instrument :
BNA_P
ClientSampleId :
TW-WTS-08

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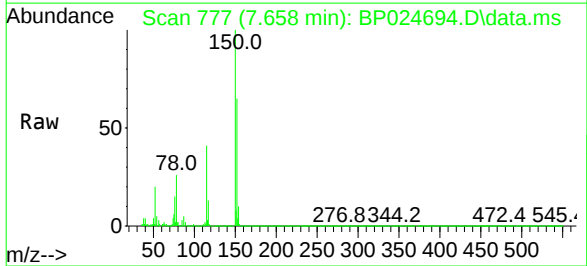
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 778
Delta R.T. -0.005 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

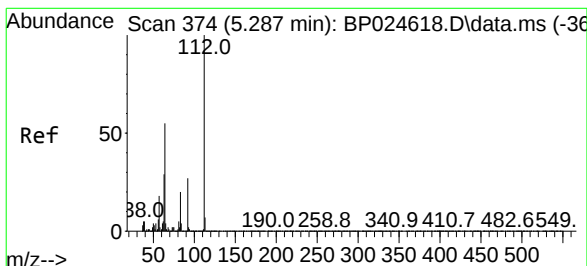
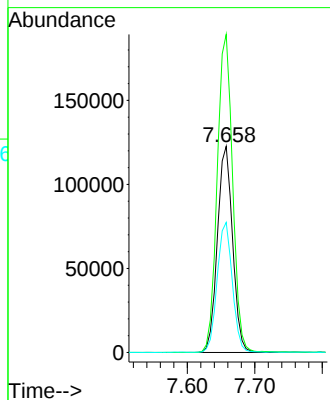
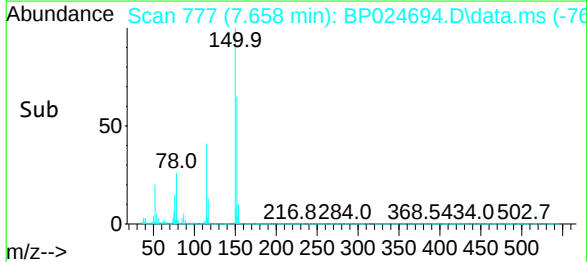
Instrument :
BNA_P
ClientSampleId :
TW-WTS-08



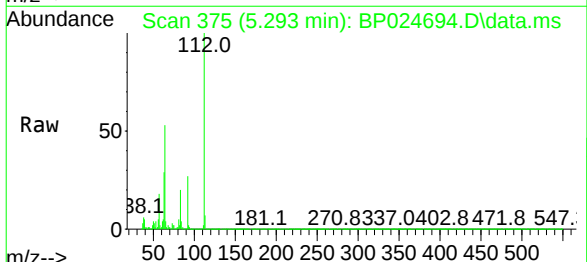
Tgt Ion:152 Resp: 192352
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 63.1 50.1 75.1

Manual Integrations
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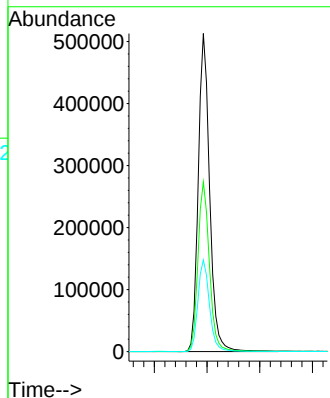
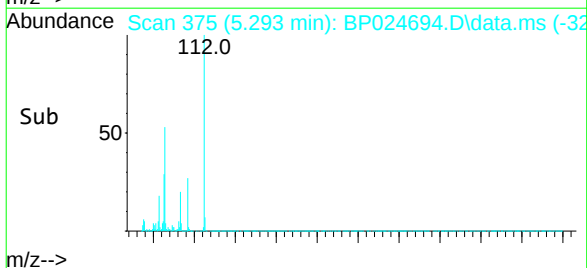
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025

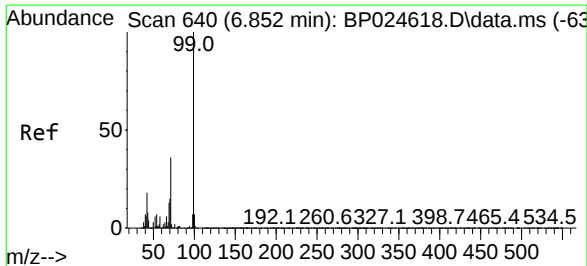


#5
2-Fluorophenol
Concen: 68.356 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19



Tgt Ion:112 Resp: 768744
Ion Ratio Lower Upper
112 100
64 53.4 44.1 66.1
63 28.8 23.5 35.3





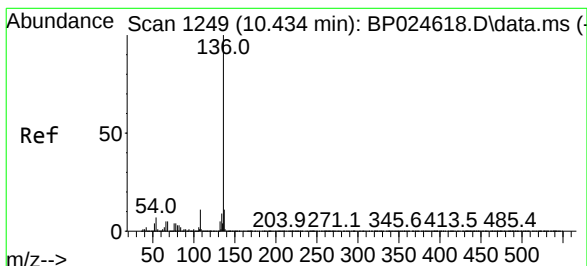
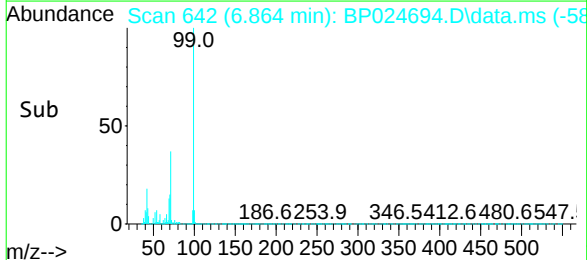
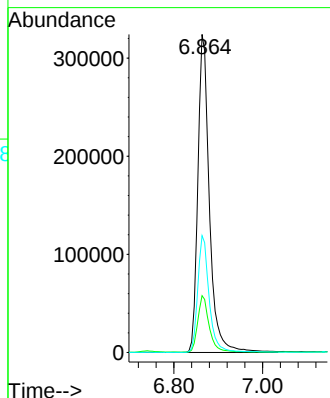
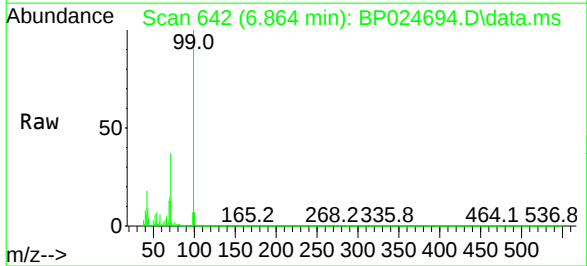
#7
Phenol-d6
Concen: 40.870 ng
RT: 6.864 min Scan# 640
Delta R.T. 0.012 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Instrument :
BNA_P
ClientSampleId :
TW-WTS-08

Tgt Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.4	21.6
71	36.7	29.2	43.8

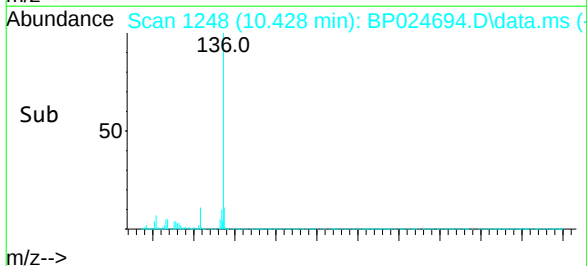
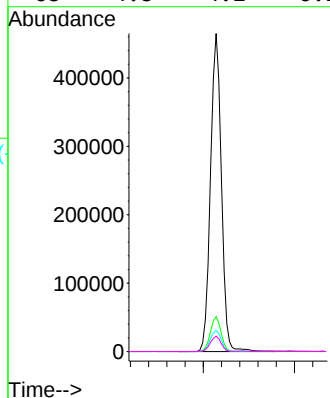
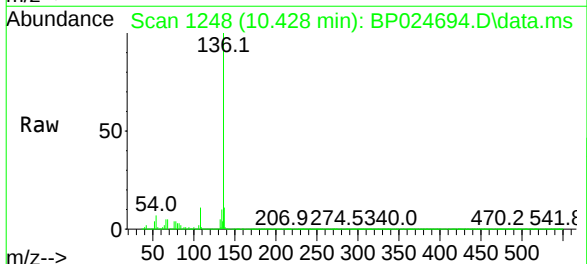
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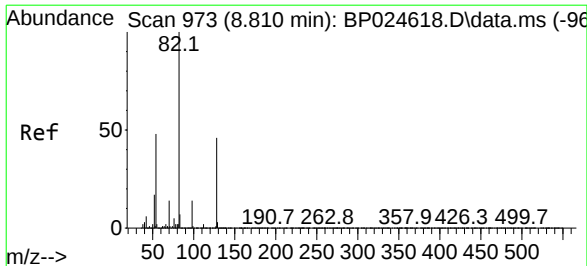
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.5	8.3
68	4.8	4.2	6.2





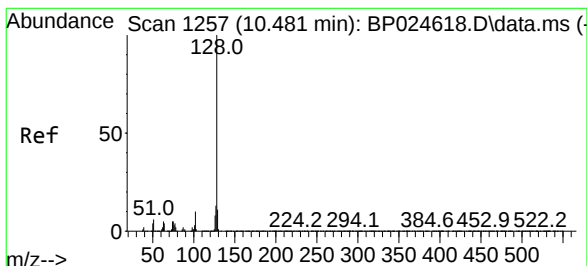
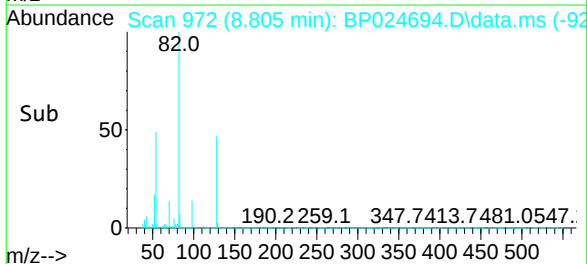
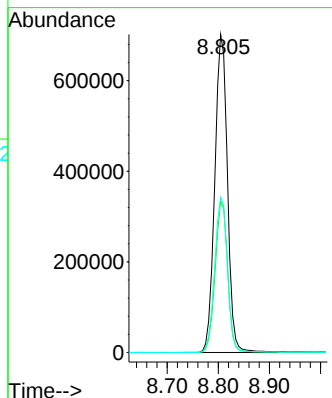
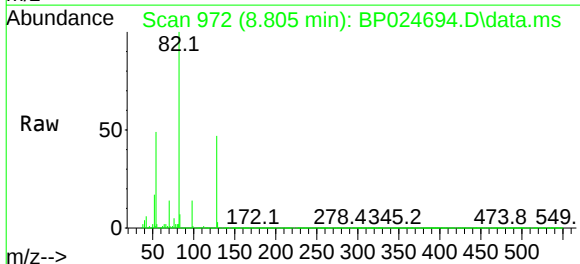
#23
Nitrobenzene-d5
Concen: 79.165 ng
RT: 8.805 min Scan# 97
Delta R.T. -0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Instrument :
BNA_P
ClientSampleId :
TW-WTS-08

Tgt Ion: 82 Resp: 1211281
Ion Ratio Lower Upper
82 100
128 47.5 37.0 55.4
54 48.8 38.7 58.1

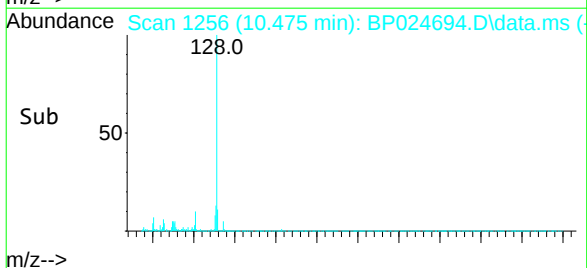
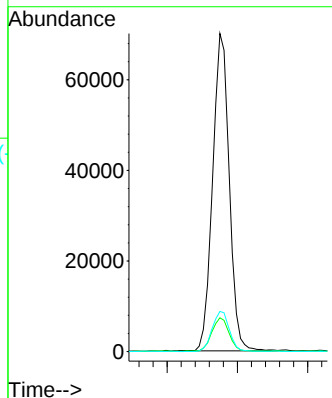
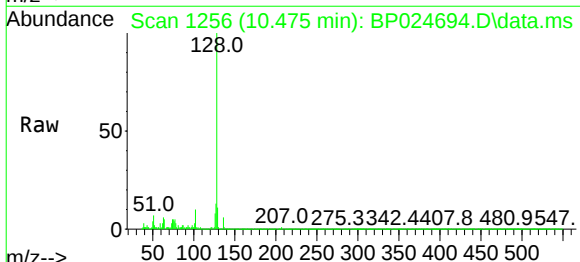
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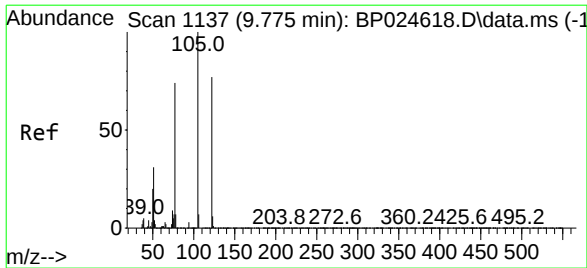
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025



#31
Naphthalene
Concen: 2.872 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

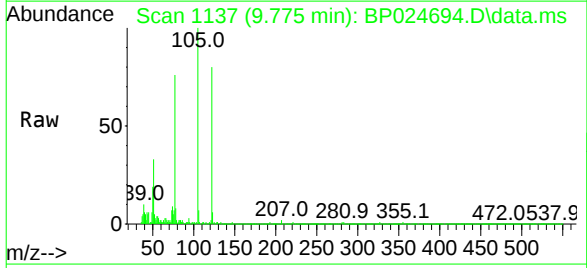
Tgt Ion:128 Resp: 115040
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.6 10.7 16.1





#32
Benzoic acid
Concen: 11.038 ng m
RT: 9.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

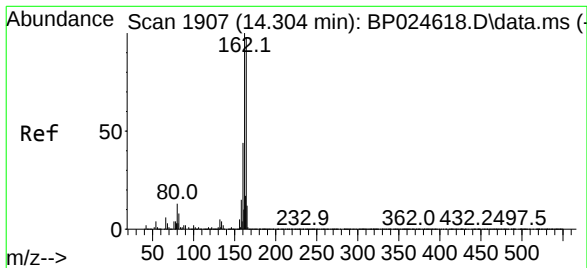
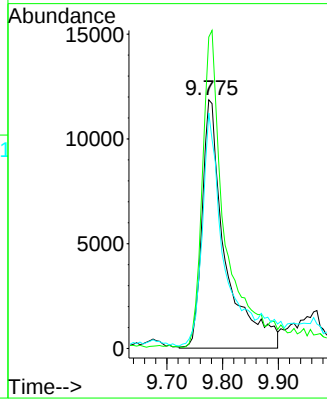
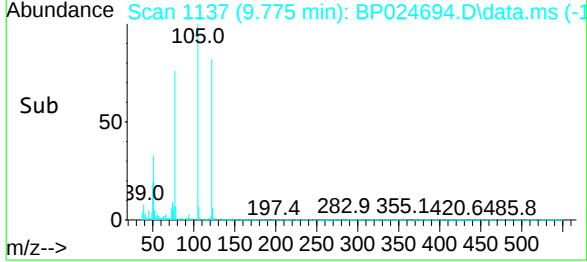
Instrument :
BNA_P
ClientSampleId :
TW-WTS-08



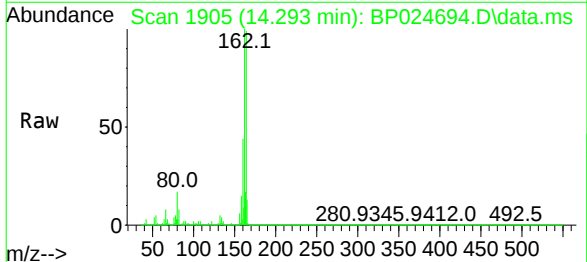
Tgt Ion:	122	Resp:	34239
Ion Ratio	Lower	Upper	
122	100		
105	125.2	106.9	146.9
77	94.7	75.1	115.1

Manual Integrations
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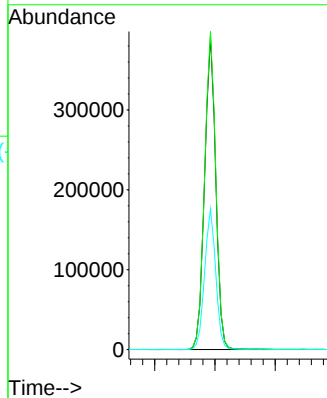
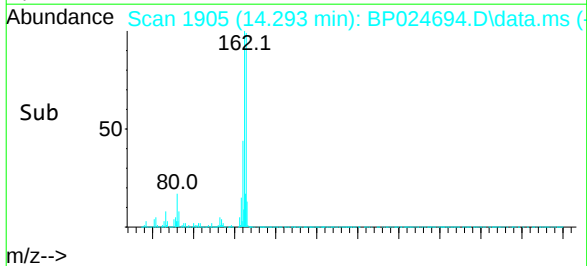
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025

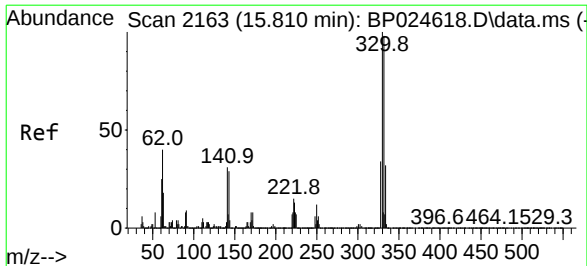


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.293 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19



Tgt Ion:	164	Resp:	505969
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.8	122.6
160	44.9	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 156.557 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

Instrument :

BNA_P

ClientSampleId :

TW-WTS-08

Tgt Ion: 330 Resp: 1342886

Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

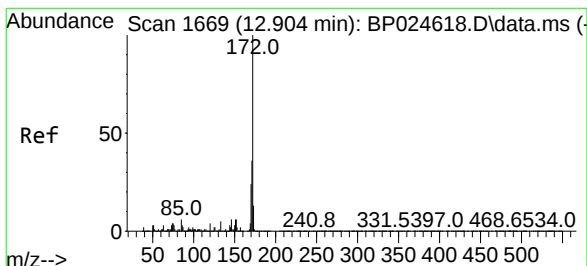
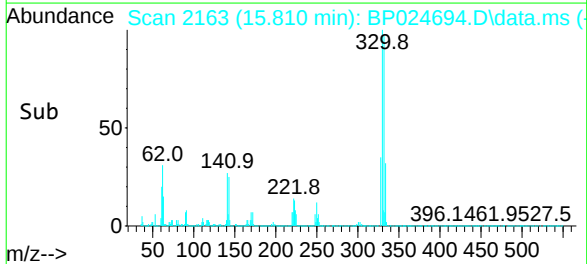
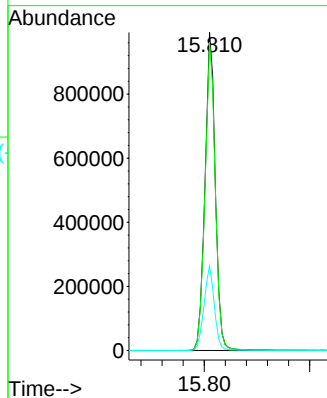
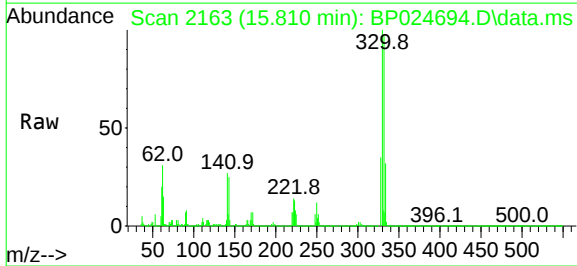
141 26.8 24.3 36.5

Manual Integrations

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Supervised By :Jagrut Upadhyay 05/20/2025



#45

2-Fluorobiphenyl

Concen: 76.907 ng

RT: 12.898 min Scan# 1668

Delta R.T. -0.006 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

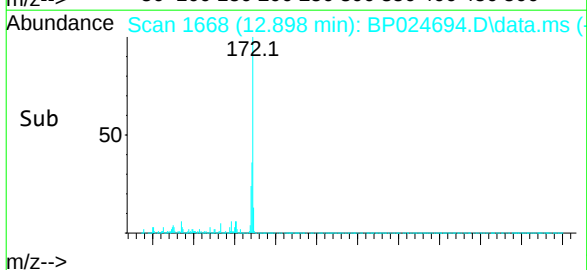
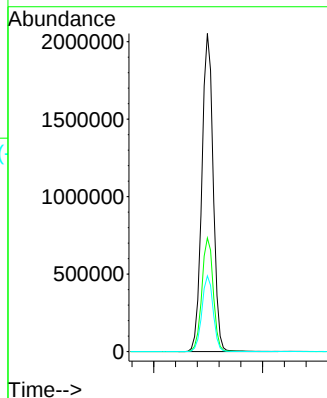
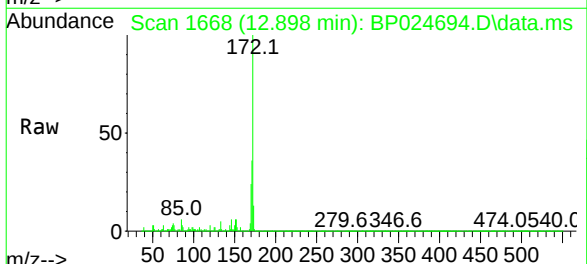
Tgt Ion: 172 Resp: 2970149

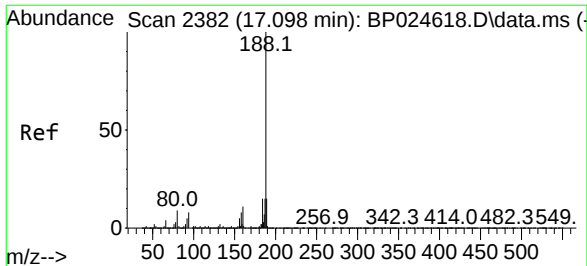
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.087 min Scan# 23

Delta R.T. -0.012 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

Instrument :

BNA_P

ClientSampleId :

TW-WTS-08

Tgt Ion:188 Resp: 1051807

Ion Ratio Lower Upper

188 100

94 8.0 6.5 9.7

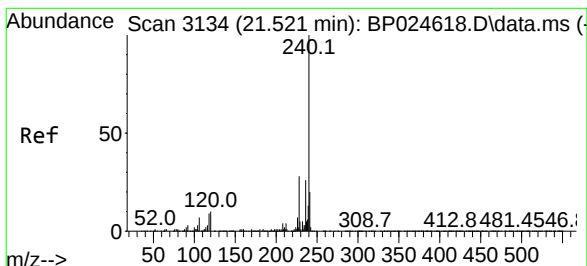
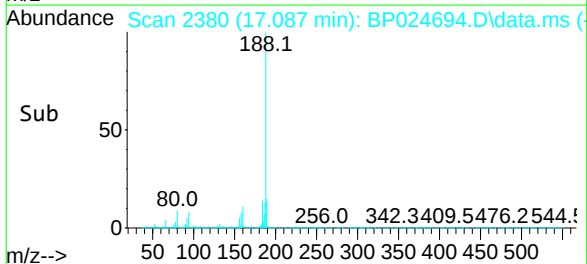
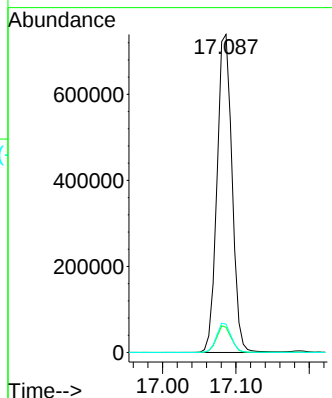
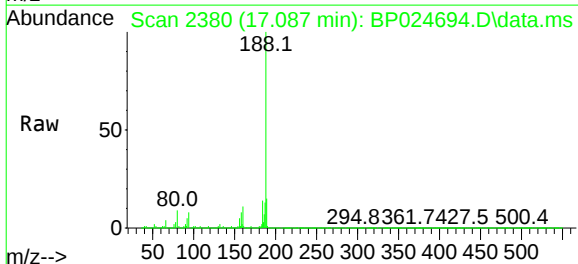
80 8.9 7.3 10.9

Manual Integrations

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#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP024694.D

Acq: 19 May 2025 18:19

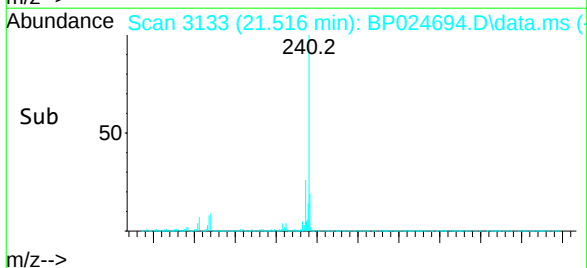
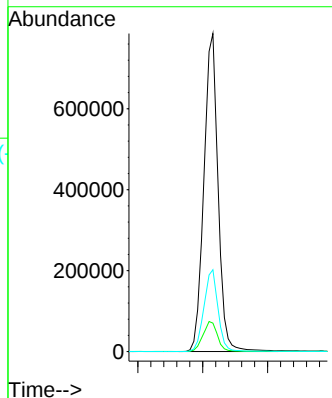
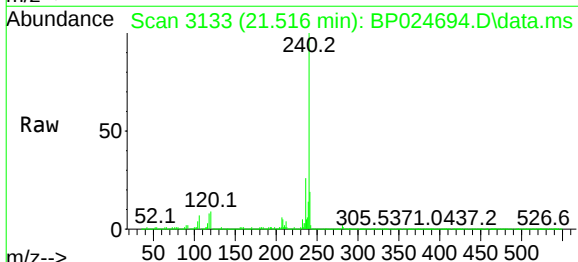
Tgt Ion:240 Resp: 1193975

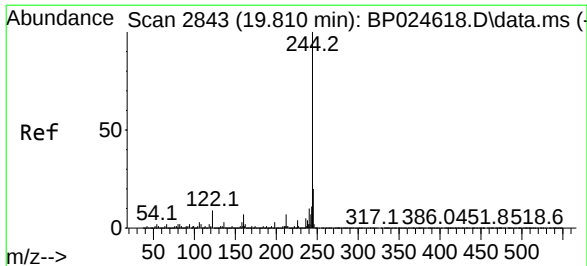
Ion Ratio Lower Upper

240 100

120 9.0 7.8 11.6

236 25.7 20.6 31.0





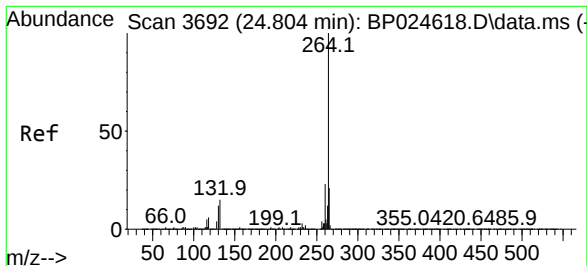
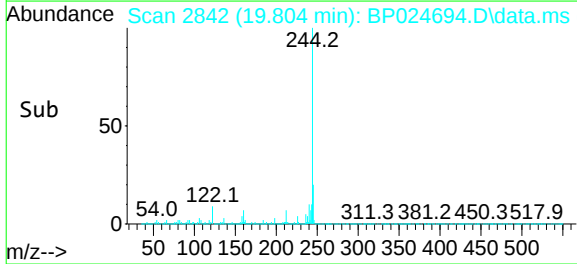
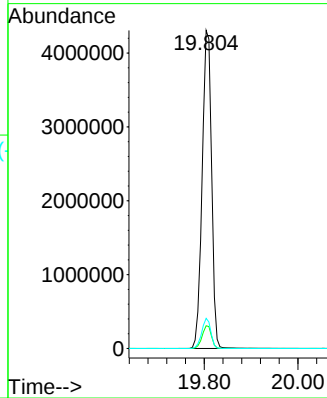
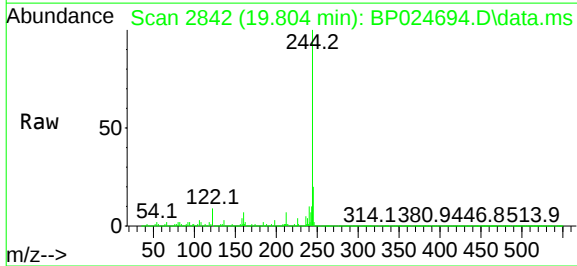
#79
Terphenyl-d14
Concen: 86.175 ng
RT: 19.804 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Instrument :
BNA_P
ClientSampleId :
TW-WTS-08

Tgt Ion:244 Resp: 6000561
Ion Ratio Lower Upper
244 100
212 7.2 5.5 8.3
122 9.5 7.4 11.0

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Supervised By :Jagrut Upadhyay 05/20/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.798 min Scan# 3691
Delta R.T. -0.006 min
Lab File: BP024694.D
Acq: 19 May 2025 18:19

Tgt Ion:264 Resp: 1245483
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.4 17.0 25.6

