

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
 Data File : BP024701.D
 Acq On : 19 May 2025 23:04
 Operator : RC/JU
 Sample : Q2065-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VACTRUCK-728068

Manual Integrations
 APPROVED

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

Quant Time: May 20 03:48:40 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	17534	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	80064	20.000	ng	0.00
39) Acenaphthene-d10	14.293	164	62869	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	168106	20.000	ng	-0.01
76) Chrysene-d12	21.516	240	356429	20.000	ng	0.00
86) Perylene-d12	24.804	264	657126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	79937	77.975	ng	0.01
7) Phenol-d6	6.875	99	62194	47.535	ng	0.02
23) Nitrobenzene-d5	8.805	82	116113	73.276	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	190155	178.413	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	327066	68.157	ng	0.00
79) Terphenyl-d14	19.804	244	1087896	52.336	ng	0.00
Target Compounds						
22) Acetophenone	8.481	105	9374	4.687	ng	Qvalue # 94
37) 2-Methylnaphthalene	12.093	142	10678	3.975	ng	98
38) 1-Methylnaphthalene	12.310	142	16960m	5.900	ng	

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

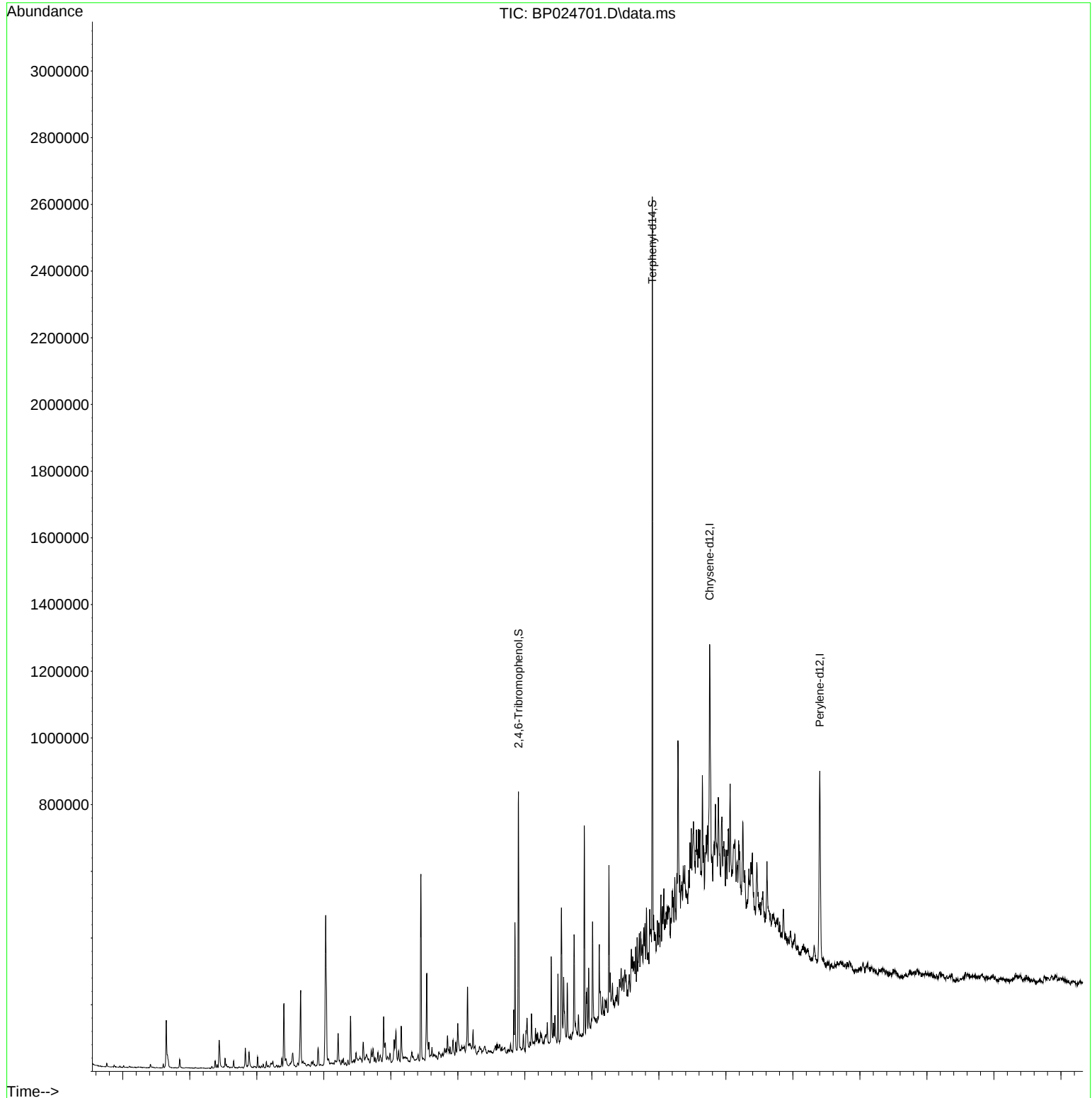
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051925\
Data File : BP024701.D
Acq On : 19 May 2025 23:04
Operator : RC/JU
Sample : Q2065-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

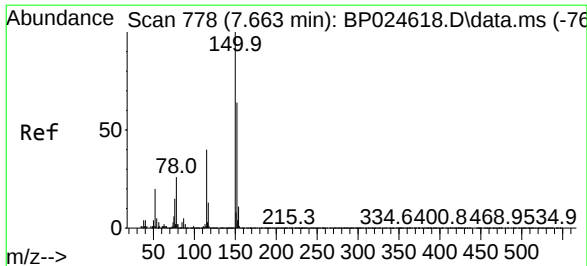
Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Manual Integrations
APPROVED

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

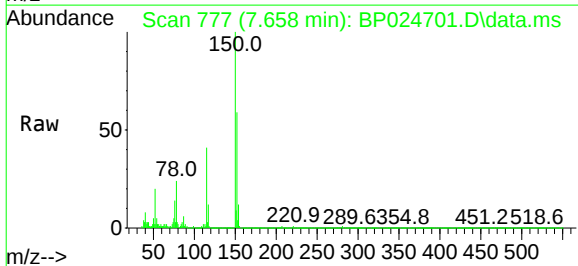
Quant Time: May 20 03:48:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 778
Delta R.T. -0.005 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

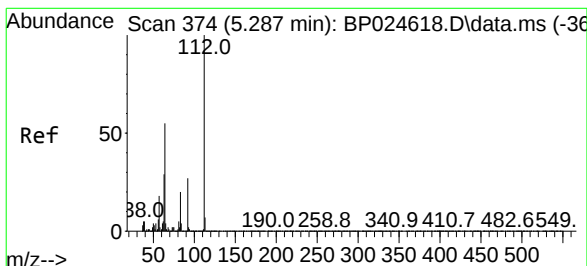
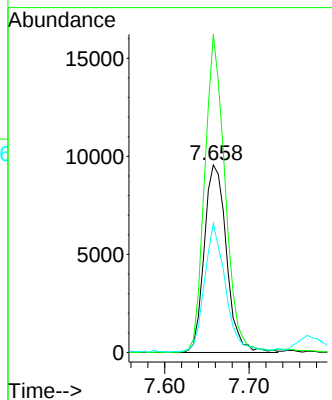
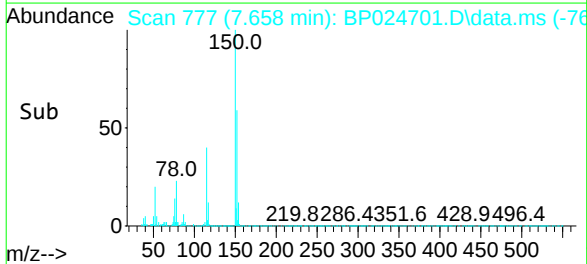
Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068



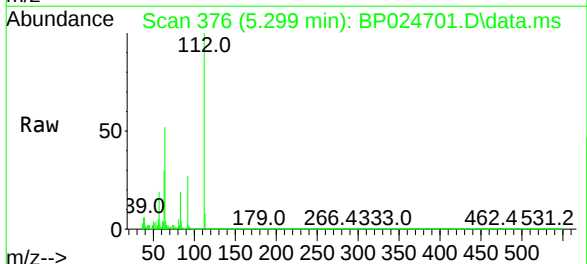
Tgt Ion:152 Resp: 17534
Ion Ratio Lower Upper
152 100
150 169.6 125.9 188.9
115 68.8 50.1 75.1

Manual Integrations
APPROVED

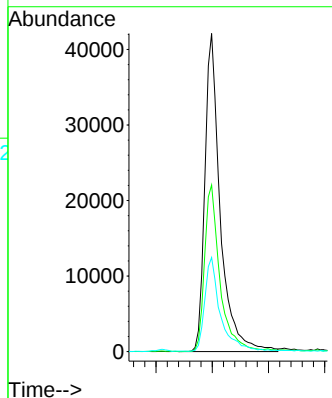
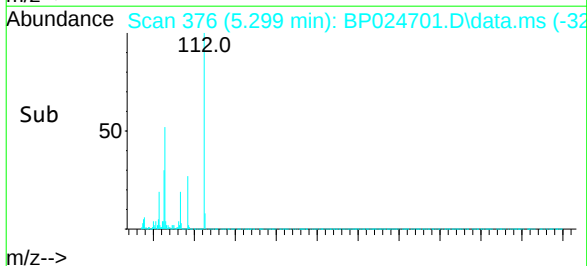
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025

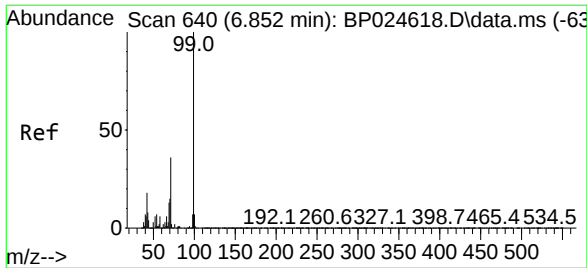


#5
2-Fluorophenol
Concen: 77.975 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04



Tgt Ion:112 Resp: 79937
Ion Ratio Lower Upper
112 100
64 52.4 44.1 66.1
63 29.6 23.5 35.3





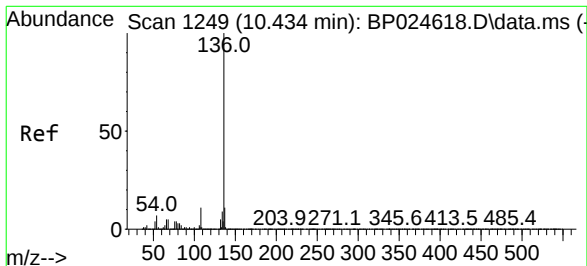
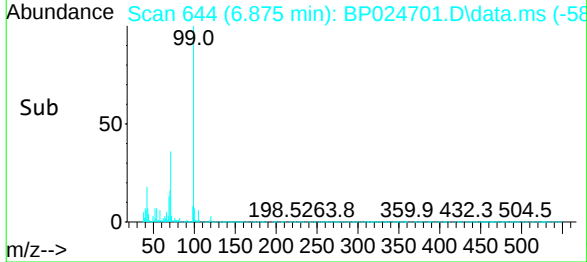
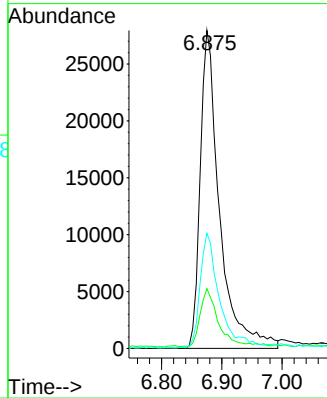
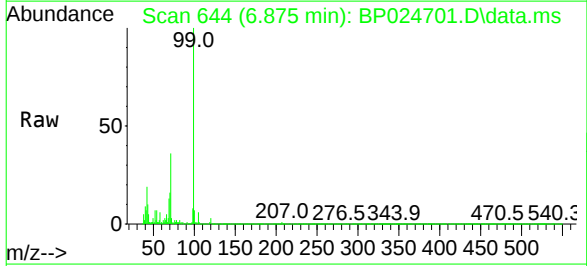
#7
Phenol-d6
Concen: 47.535 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.024 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt	Ion:	99	Resp:	62194
Ion	Ratio	Lower	Upper	
99	100			
42	18.8	14.4	21.6	
71	36.2	29.2	43.8	

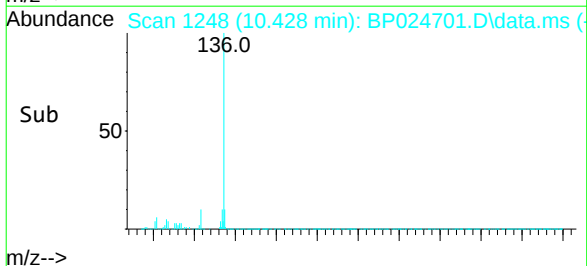
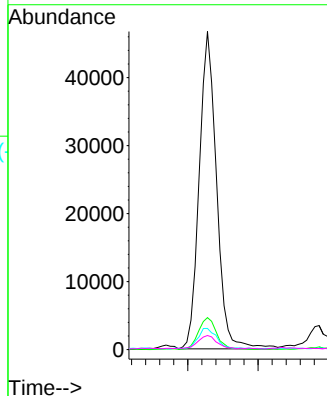
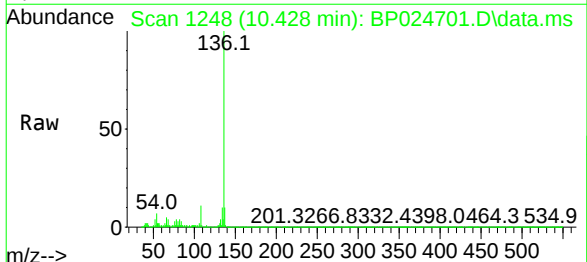
Manual Integrations
APPROVED

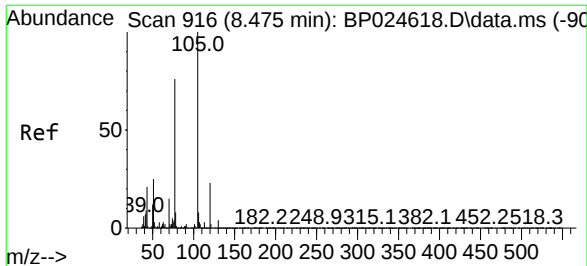
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Tgt	Ion:	136	Resp:	80064
Ion	Ratio	Lower	Upper	
136	100			
137	10.1	8.8	13.2	
54	6.6	5.5	8.3	
68	4.4	4.2	6.2	





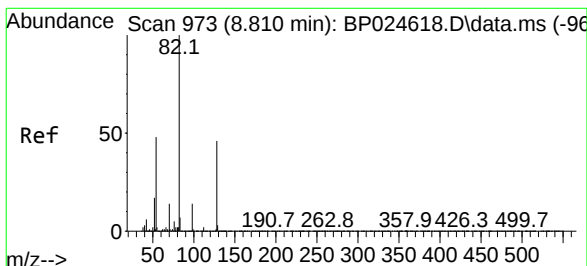
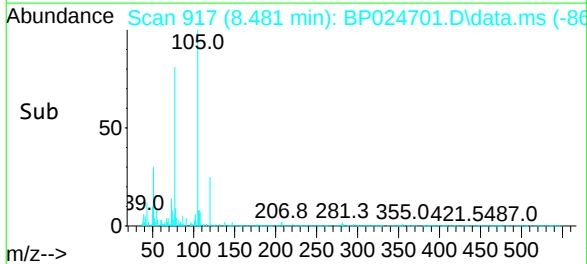
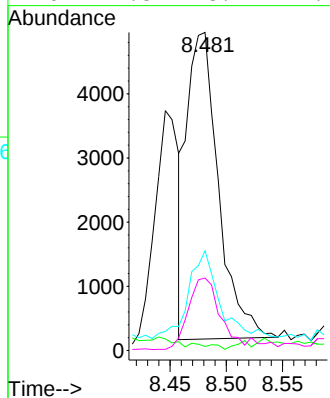
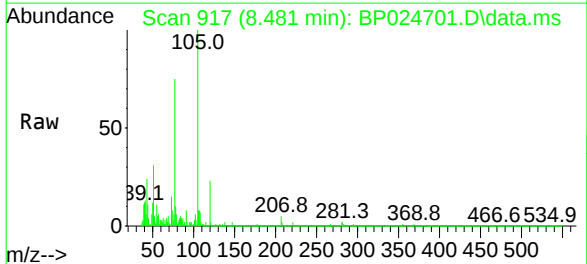
#22
Acetophenone
Concen: 4.687 ng
RT: 8.481 min Scan# 916
Delta R.T. 0.006 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion	Ratio	Lower	Upper
105	100		
71	1.3	2.0	3.0
51	31.3	20.4	30.6
120	22.8	18.1	27.1

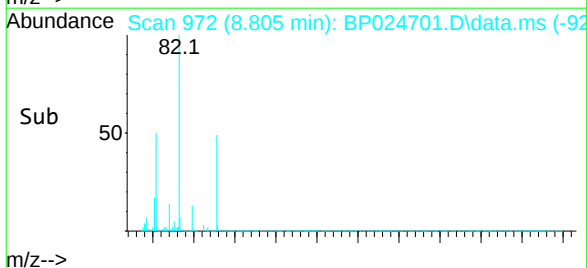
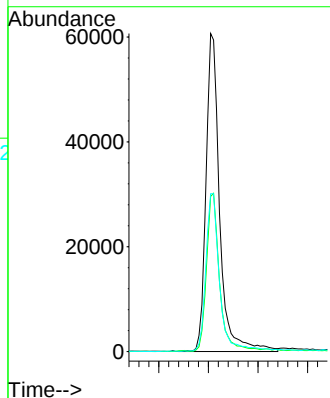
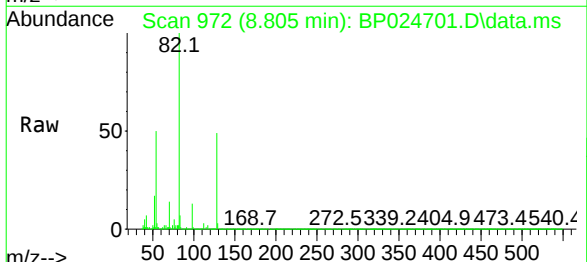
Manual Integrations
APPROVED

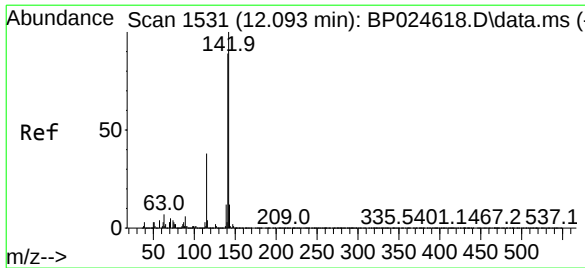
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025



#23
Nitrobenzene-d5
Concen: 73.276 ng
RT: 8.805 min Scan# 972
Delta R.T. -0.006 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.0	55.4
54	49.6	38.7	58.1





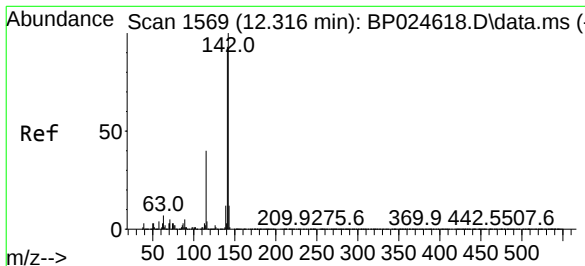
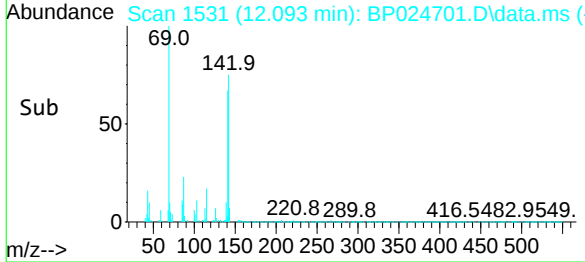
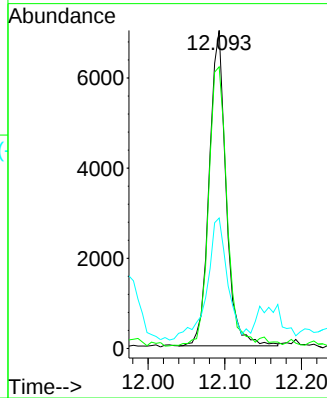
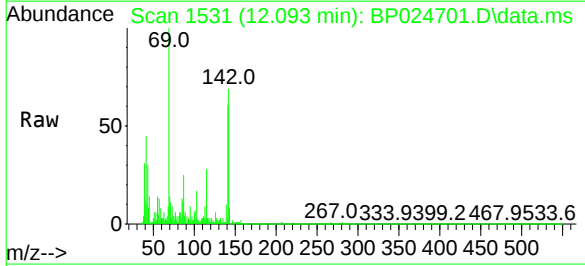
#37
2-Methylnaphthalene
Concen: 3.975 ng
RT: 12.093 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:	142	Resp:	10678
Ion Ratio	Lower	Upper	
142	100		
141	88.6	71.2	106.8
115	41.0	30.6	46.0

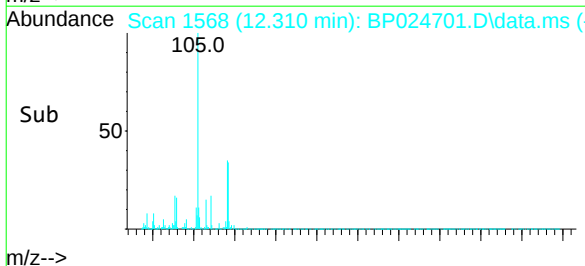
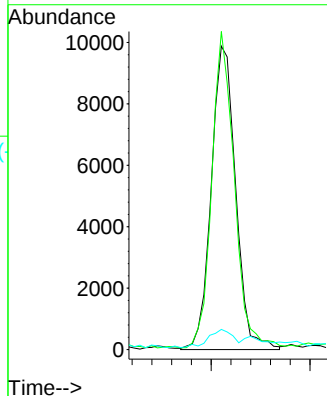
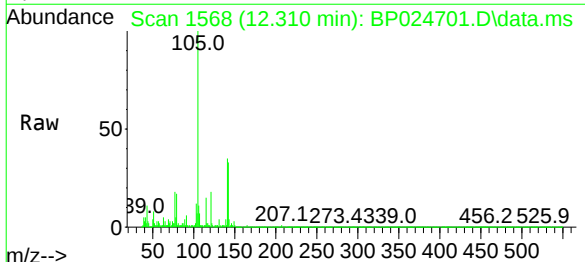
Manual Integrations
APPROVED

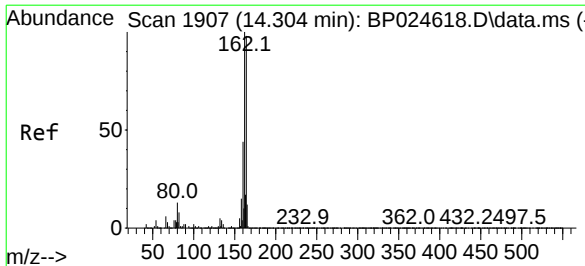
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025



#38
1-Methylnaphthalene
Concen: 5.900 ng m
RT: 12.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Tgt Ion:	142	Resp:	16960
Ion Ratio	Lower	Upper	
142	100		
141	104.8	74.7	112.1
116	6.6	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.293 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024701.D

Acq: 19 May 2025 23:04

Instrument :

BNA_P

ClientSampleId :

VACTRUCK-728068

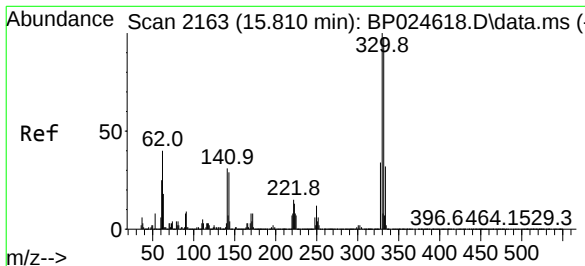
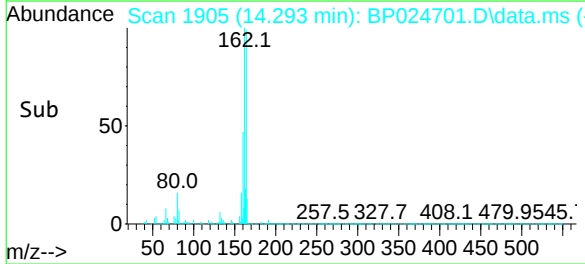
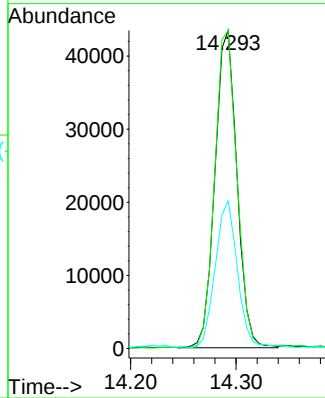
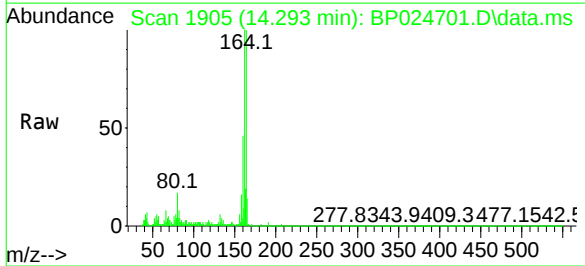
Tgt Ion:	164	Resp:	62869
Ion Ratio	Lower	Upper	
164	100		
162	100.0	81.8	122.6
160	46.4	36.3	54.5

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 05/20/2025

Supervised By :Jagrut Upadhyay 05/20/2025



#42

2,4,6-Tribromophenol

Concen: 178.413 ng

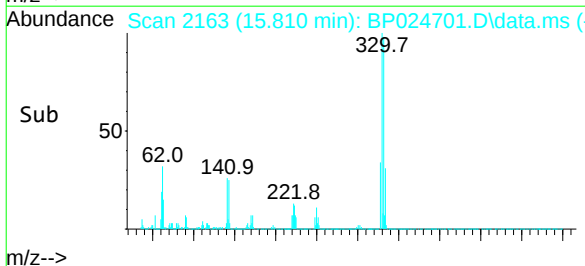
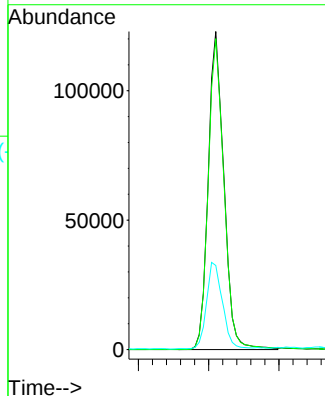
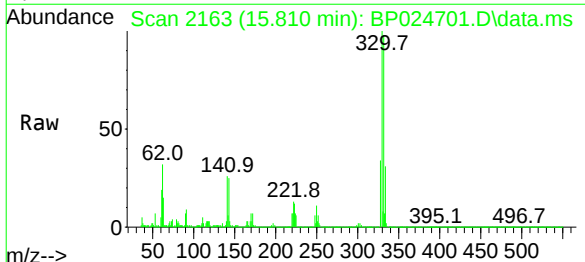
RT: 15.810 min Scan# 2163

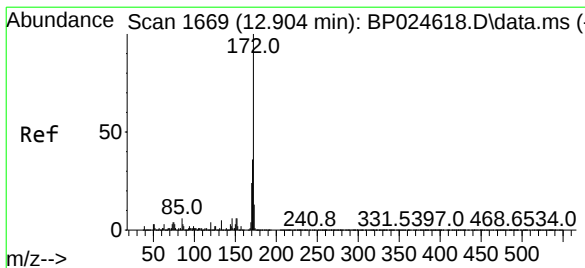
Delta R.T. 0.000 min

Lab File: BP024701.D

Acq: 19 May 2025 23:04

Tgt Ion:	330	Resp:	190155
Ion Ratio	Lower	Upper	
330	100		
332	98.6	78.2	117.4
141	27.8	24.3	36.5





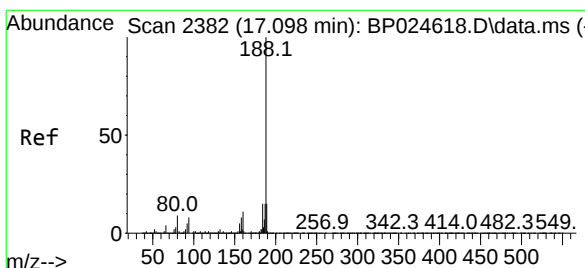
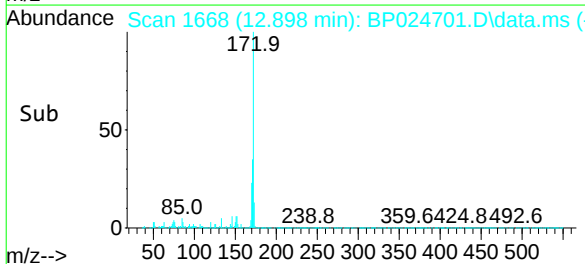
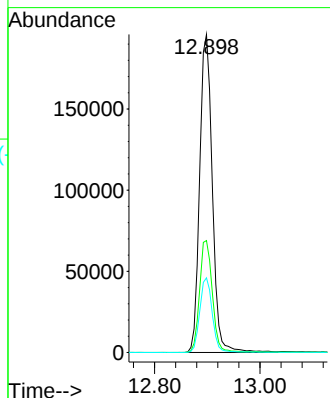
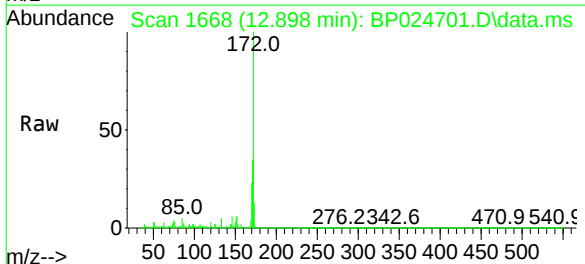
#45
2-Fluorobiphenyl
Concen: 68.157 ng
RT: 12.898 min Scan# 1669
Delta R.T. -0.006 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Instrument :
BNA_P
ClientSampleId :
VACTRUCK-728068

Tgt Ion:172 Resp: 327066
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 23.5 18.8 28.2

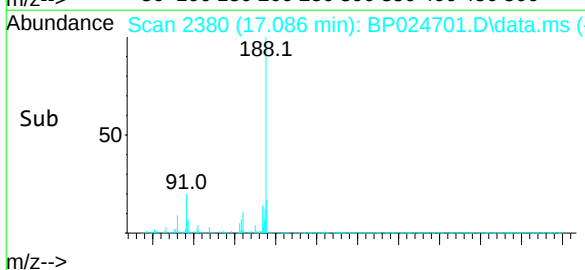
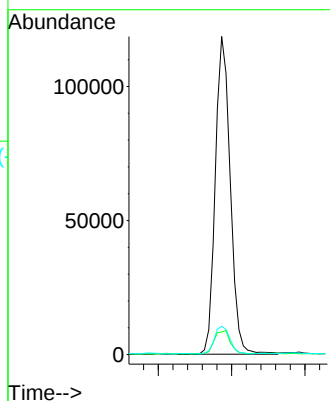
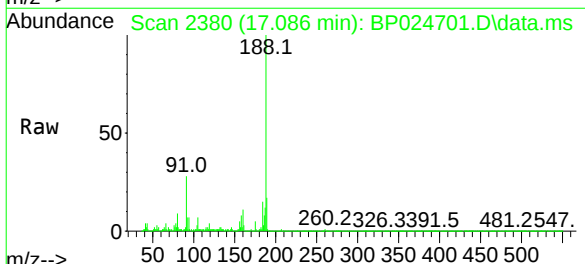
Manual Integrations
APPROVED

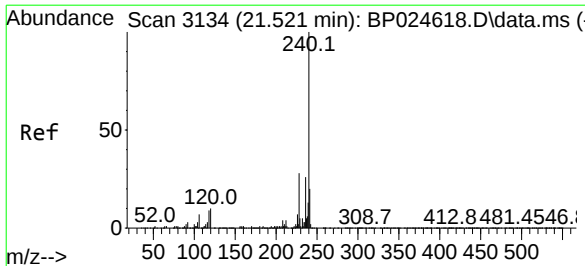
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Tgt Ion:188 Resp: 168106
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 8.9 7.3 10.9





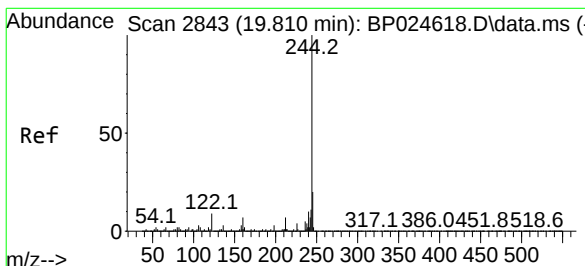
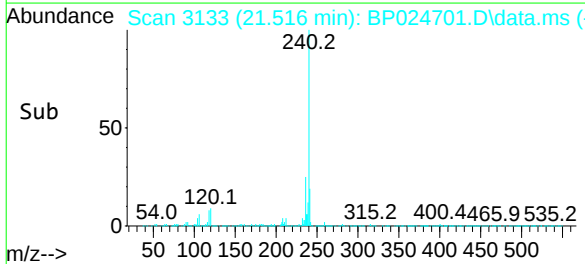
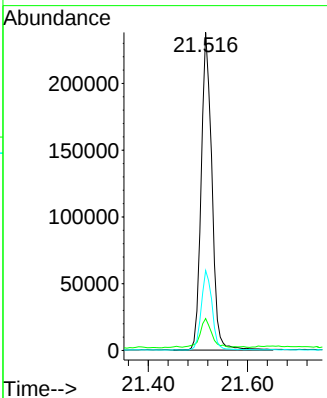
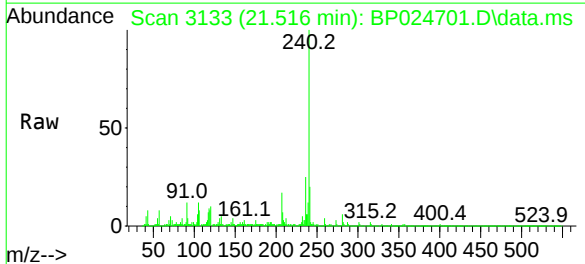
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.516 min Scan# 3134
Delta R.T. -0.006 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Instrument : BNA_P
ClientSampleId : VACTRUCK-728068

Tgt Ion: 240	Resp: 356429
Ion Ratio	Lower Upper
240 100	
120 10.0	7.8 11.6
236 25.1	20.6 31.0

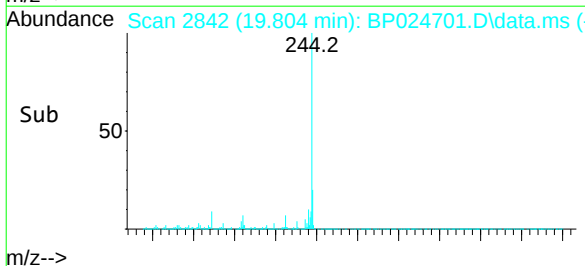
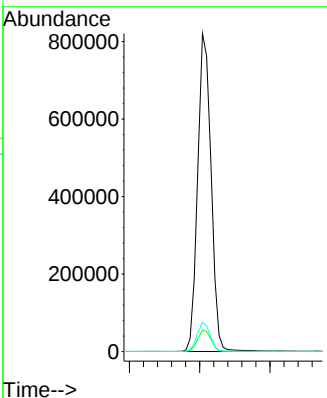
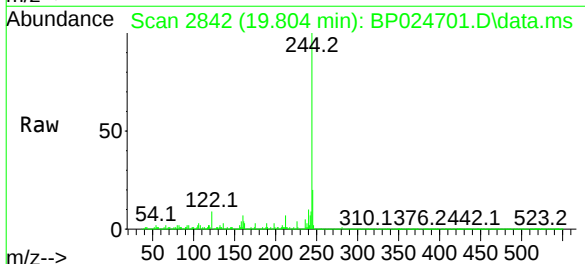
Manual Integrations
APPROVED

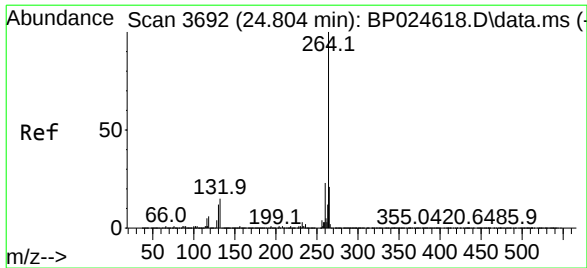
Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025



#79
Terphenyl-d14
Concen: 52.336 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP024701.D
Acq: 19 May 2025 23:04

Tgt Ion: 244	Resp: 1087896
Ion Ratio	Lower Upper
244 100	
212 6.8	5.5 8.3
122 9.2	7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.804 min Scan# 3692
 Delta R.T. 0.000 min
 Lab File: BP024701.D
 Acq: 19 May 2025 23:04

Instrument :
 BNA_P
 ClientSampleId :
 VACTRUCK-728068

Tgt Ion:	264	Resp:	657126
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.7	28.1
265	22.2	17.0	25.6

Manual Integrations
 APPROVED

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

