

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036624.D
 Acq On : 15 Mar 2025 01:53
 Operator : RC/JU
 Sample : Q1557-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20250312

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/17/2025
 Supervised By :Jagrut Upadhyay 03/17/2025

Quant Time: Mar 15 03:32:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2158	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5209	0.400	ng	# 0.00
13) Acenaphthene-d10	14.356	164	2915	0.400	ng	-0.01
19) Phenanthrene-d10	17.099	188	6243	0.400	ng	#-0.01
29) Chrysene-d12	21.286	240	4594	0.400	ng	0.00
35) Perylene-d12	23.543	264	3899	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	749	0.149	ng	0.00
5) Phenol-d6	6.894	99	515m	0.083	ng	0.00
8) Nitrobenzene-d5	8.875	82	1778	0.314	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2462	0.318	ng	0.00
14) 2,4,6-Tribromophenol	15.858	330	454	0.343	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	6092	0.359	ng	0.00
27) Fluoranthene-d10	19.137	212	7201	0.450	ng	0.00
31) Terphenyl-d14	19.736	244	5040	0.458	ng	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.149	178	677	0.036	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.205	149	1059	0.093	ng	98

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

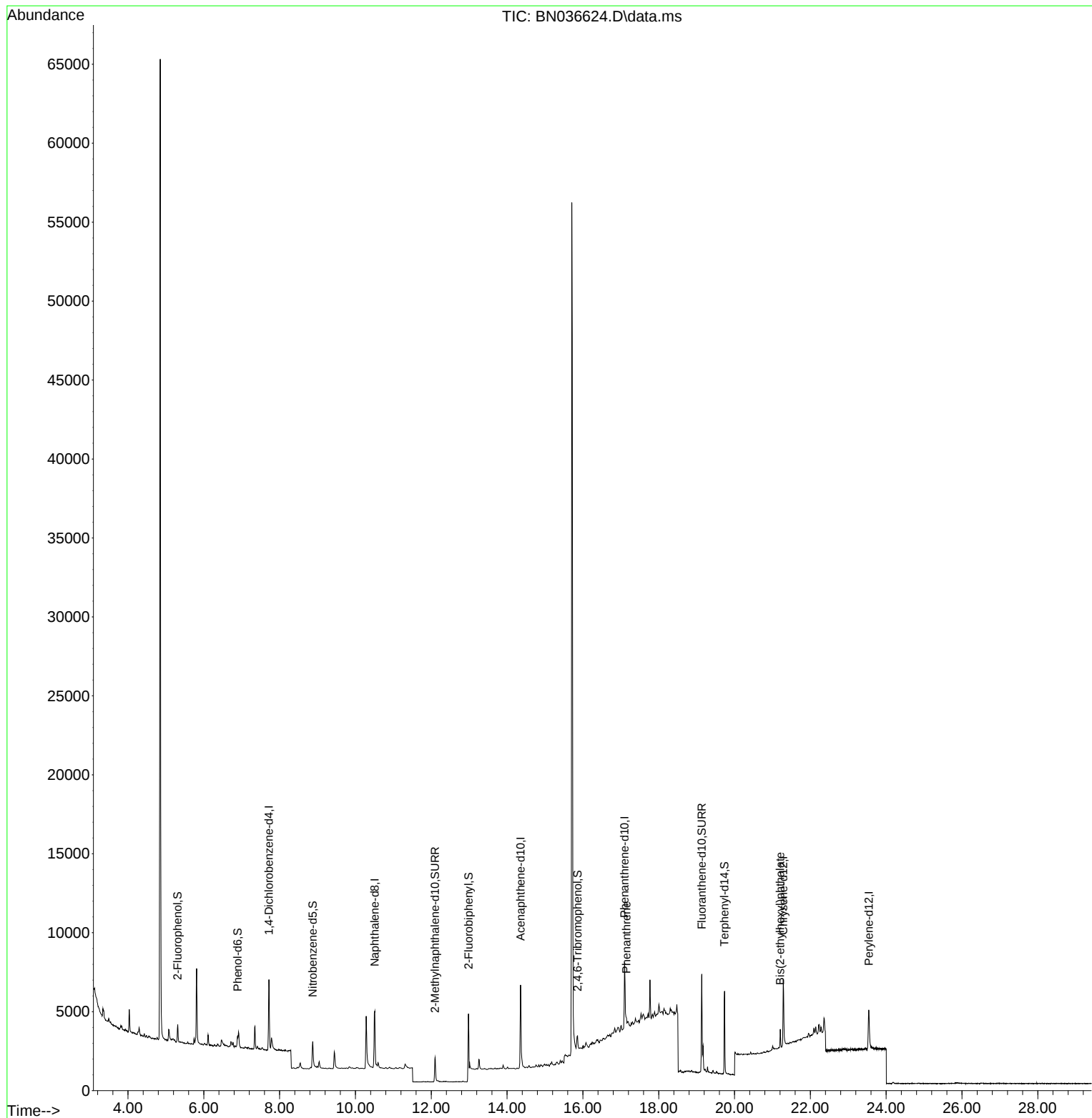
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036624.D
Acq On : 15 Mar 2025 01:53
Operator : RC/JU
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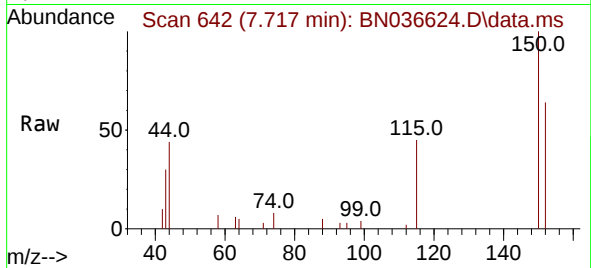
Quant Time: Mar 15 03:32:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 643
Delta R.T. -0.007 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53

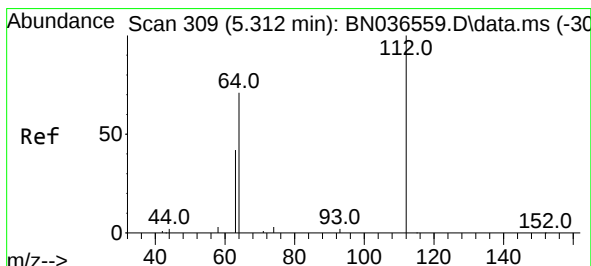
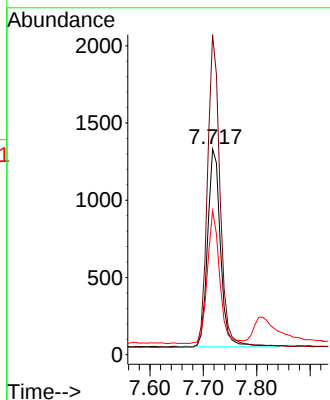
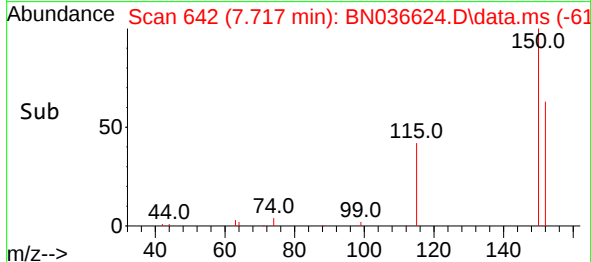
Instrument :
BNA_N
ClientSampleId :
DUP04-20250312



Tgt Ion:152 Resp: 2158
Ion Ratio Lower Upper
152 100
150 155.6 123.7 185.5
115 70.0 54.3 81.5

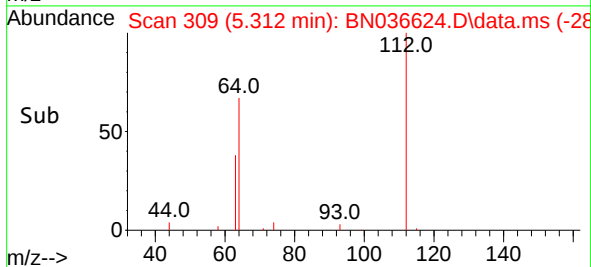
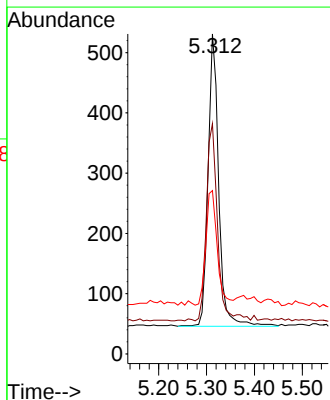
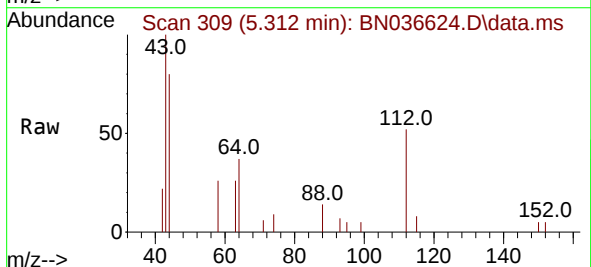
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Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025



#4
2-Fluorophenol
Concen: 0.149 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53

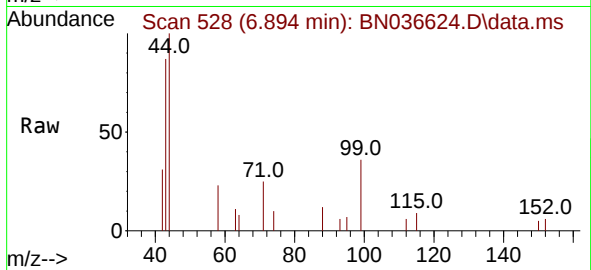
Tgt Ion:112 Resp: 749
Ion Ratio Lower Upper
112 100
64 71.0 53.1 79.7
63 41.8 31.8 47.8





#5
Phenol-d6
Concen: 0.083 ng m
RT: 6.894 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53

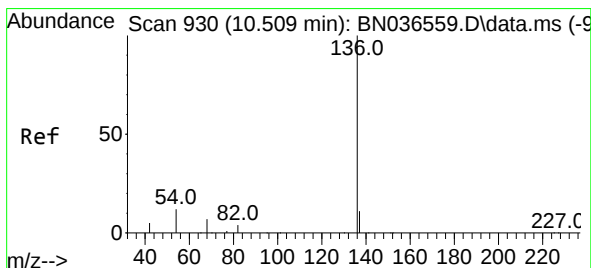
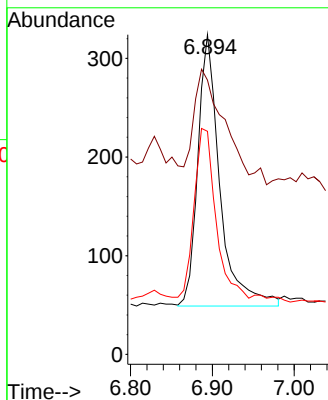
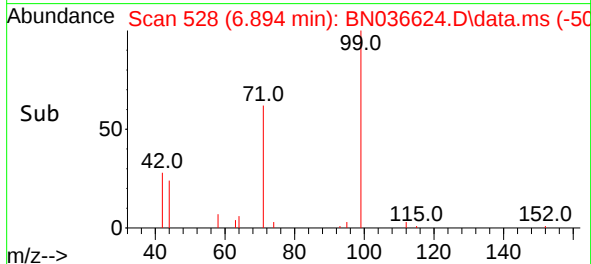
Instrument :
BNA_N
ClientSampleId :
DUP04-20250312



Tgt Ion: 99 Resp: 51
Ion Ratio Lower Upper
99 100
42 55.1 26.5 39.7
71 67.0 34.1 51.1

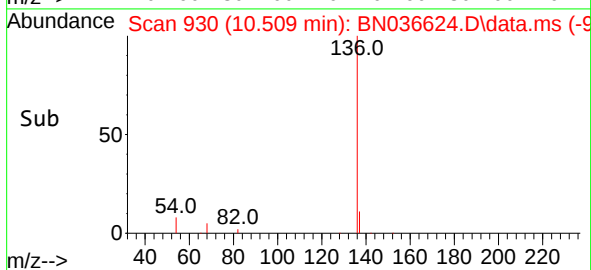
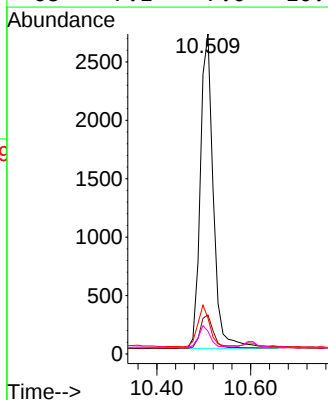
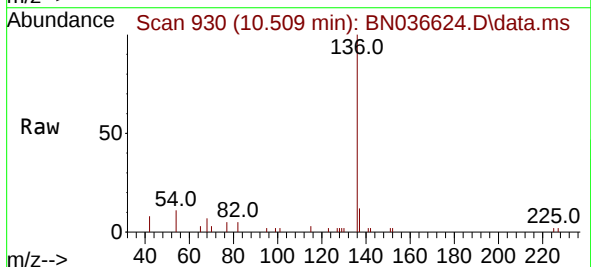
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. 0.000 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53

Tgt Ion:136 Resp: 5209
Ion Ratio Lower Upper
136 100
137 12.2 10.3 15.5
54 11.2 11.5 17.3#
68 7.1 7.0 10.4





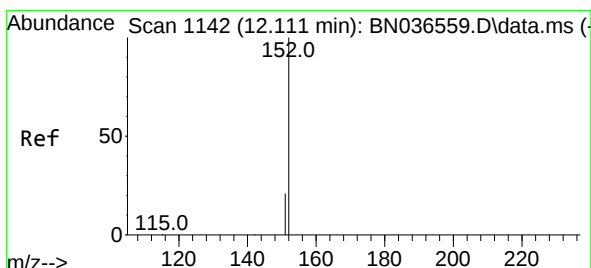
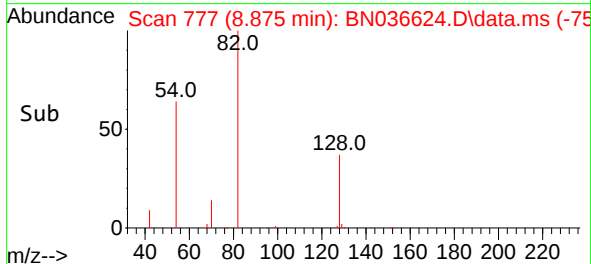
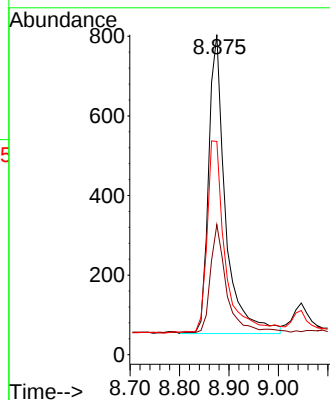
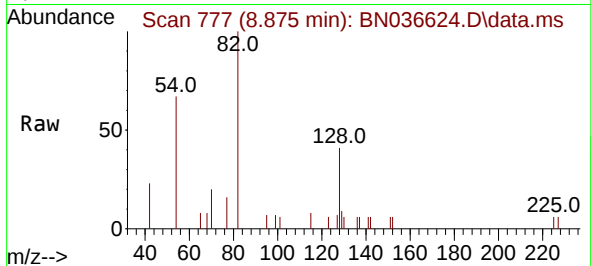
#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53

Instrument :
BNA_N
ClientSampleId :
DUP04-20250312

Tgt Ion: 82 Resp: 1778
Ion Ratio Lower Upper
82 100
128 40.7 30.6 45.8
54 66.7 52.2 78.4

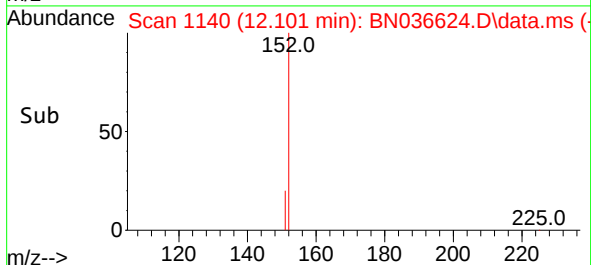
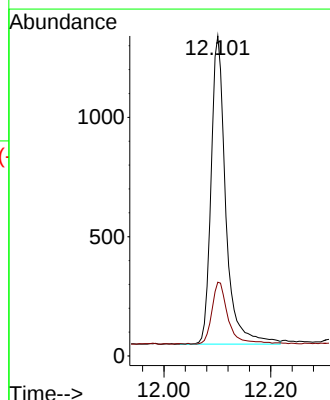
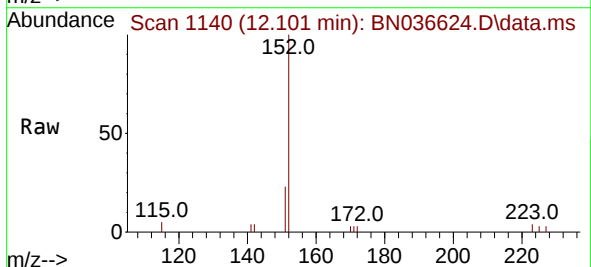
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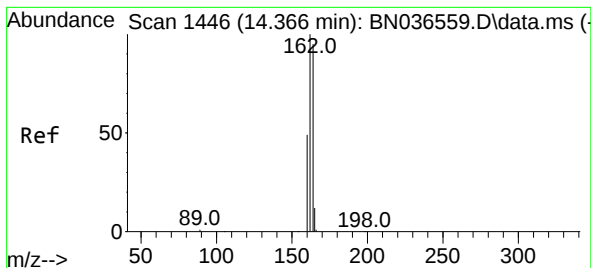
Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025



#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.101 min Scan# 1140
Delta R.T. -0.010 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53

Tgt Ion:152 Resp: 2462
Ion Ratio Lower Upper
152 100
151 22.1 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.356 min Scan# 1445

Delta R.T. -0.010 min

Lab File: BN036624.D

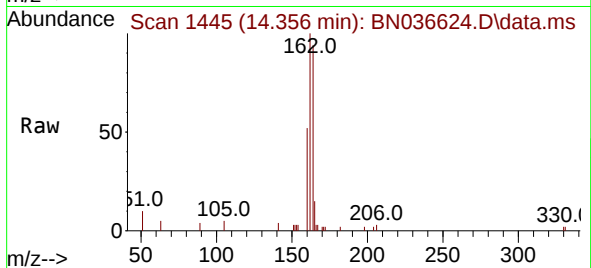
Acq: 15 Mar 2025 01:53

Instrument :

BNA_N

ClientSampleId :

DUP04-20250312



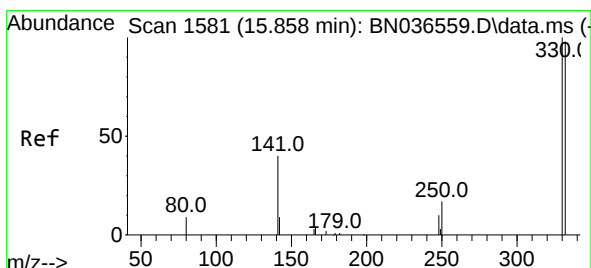
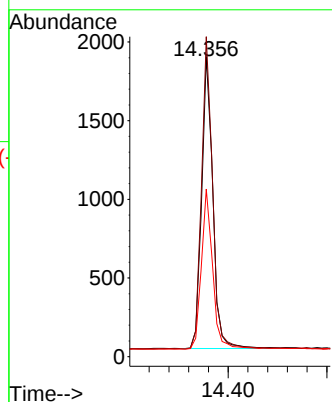
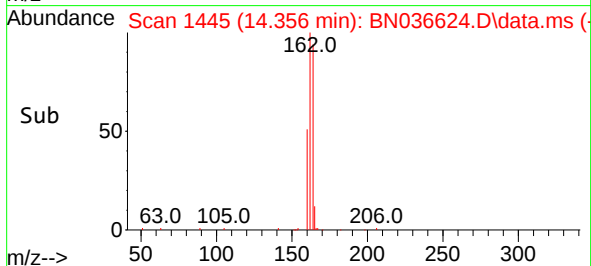
Tgt Ion:	164	Resp:	291
Ion Ratio	Lower	Upper	
164	100		
162	106.6	84.2	126.2
160	55.9	42.2	63.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/17/2025



#14

2,4,6-Tribromophenol

Concen: 0.343 ng

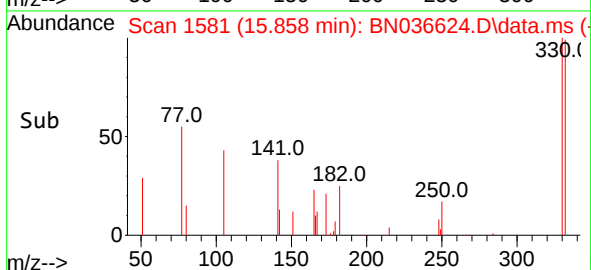
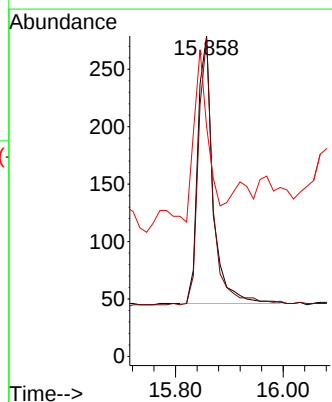
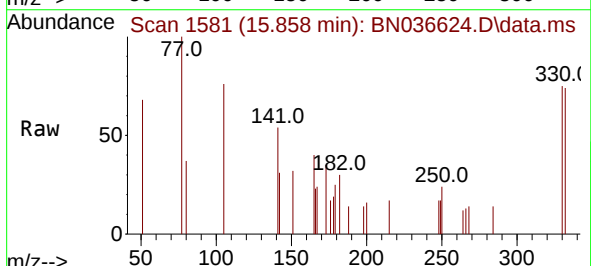
RT: 15.858 min Scan# 1581

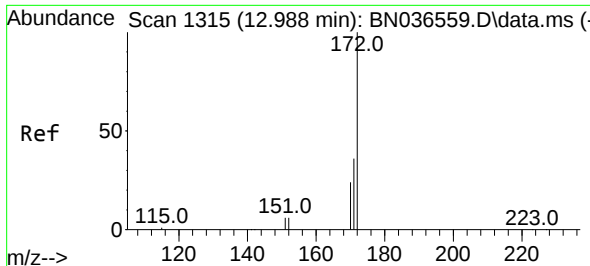
Delta R.T. 0.000 min

Lab File: BN036624.D

Acq: 15 Mar 2025 01:53

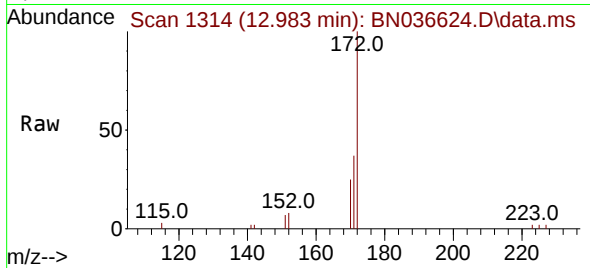
Tgt Ion:	330	Resp:	454
Ion Ratio	Lower	Upper	
330	100		
332	97.4	75.2	112.8
141	54.4	43.4	65.2





#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 12.983 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53

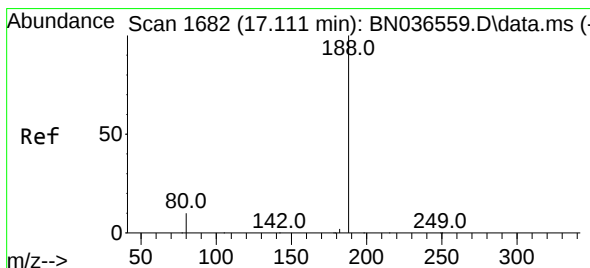
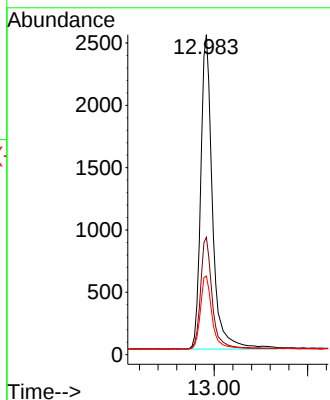
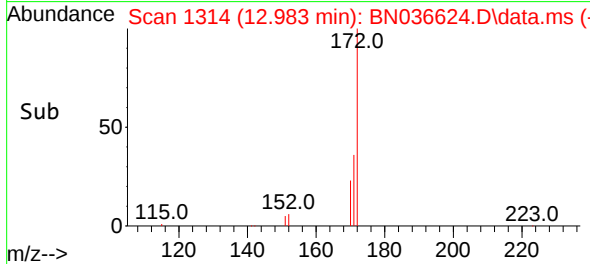
Instrument :
BNA_N
ClientSampleId :
DUP04-20250312



Tgt Ion:172 Resp: 6092
Ion Ratio Lower Upper
172 100
171 36.7 29.5 44.3
170 24.6 20.2 30.4

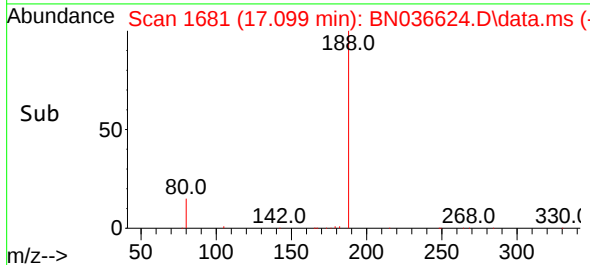
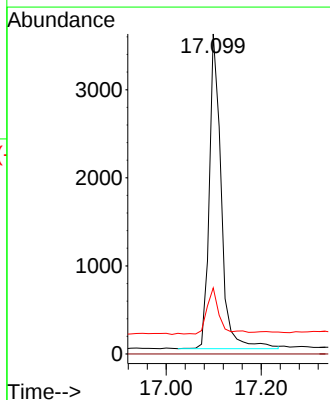
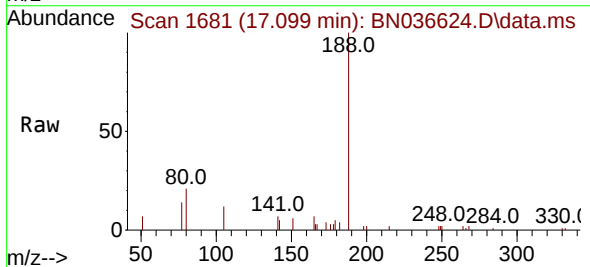
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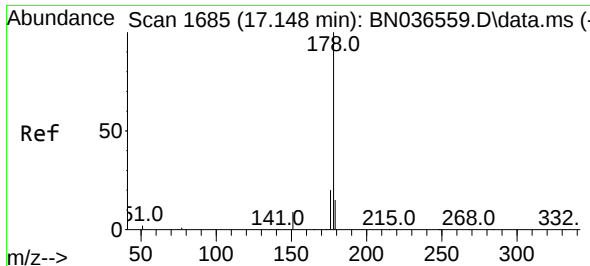
Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53

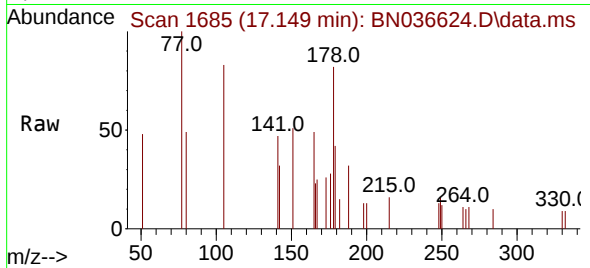
Tgt Ion:188 Resp: 6243
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 20.7 8.8 13.2#





#25
Phenanthrene
Concen: 0.036 ng
RT: 17.149 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53

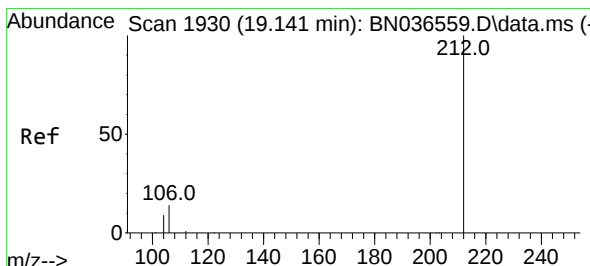
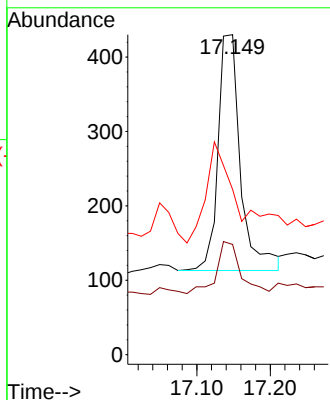
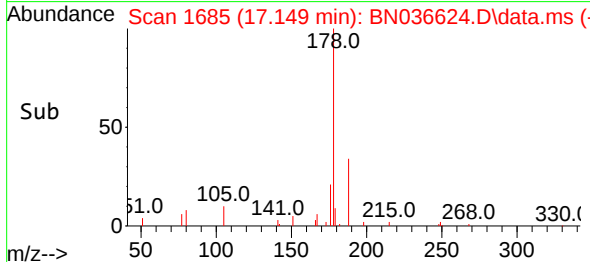
Instrument :
BNA_N
ClientSampleId :
DUP04-20250312



Tgt Ion:178 Resp: 67
Ion Ratio Lower Upper
178 100
176 23.5 15.9 23.9
179 0.0 12.2 18.4

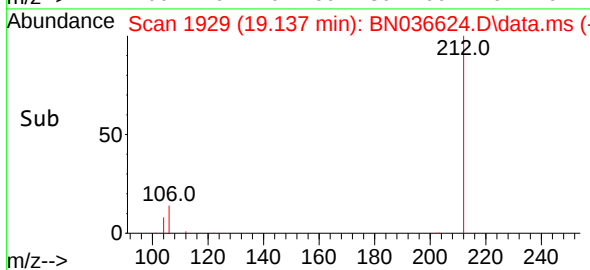
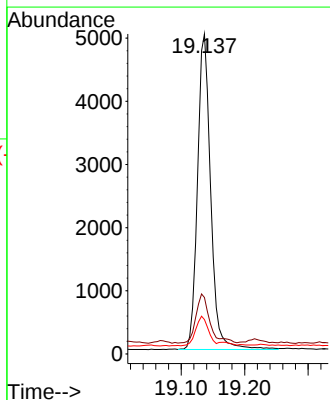
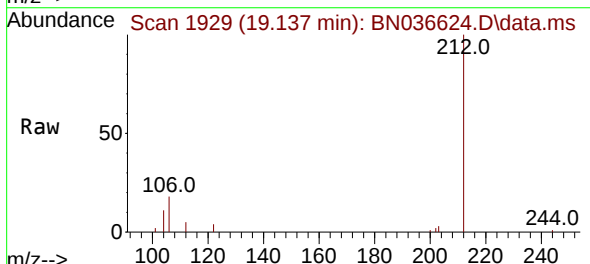
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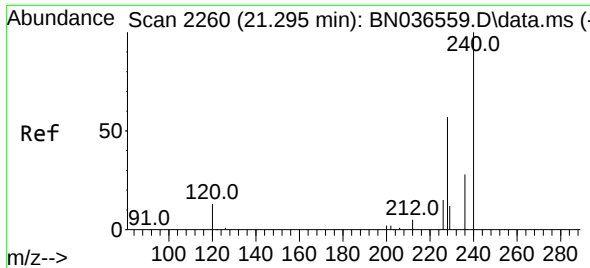
Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025



#27
Fluoranthene-d10
Concen: 0.450 ng
RT: 19.137 min Scan# 1929
Delta R.T. -0.004 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53

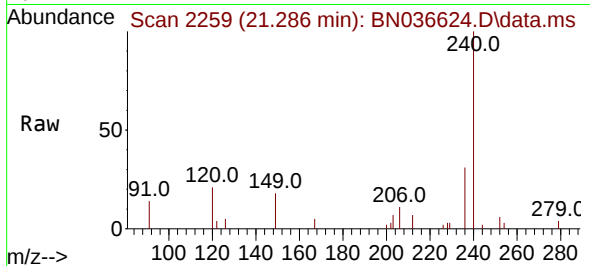
Tgt Ion:212 Resp: 7201
Ion Ratio Lower Upper
212 100
106 16.3 11.8 17.6
104 9.2 7.3 10.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 21286
Delta R.T. -0.009 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53

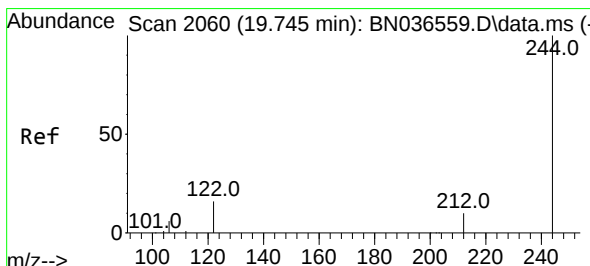
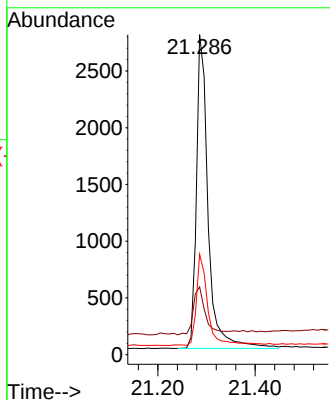
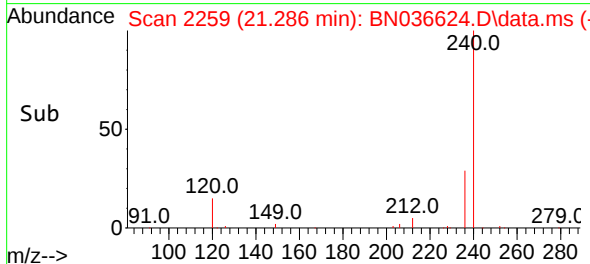
Instrument :
BNA_N
ClientSampleId :
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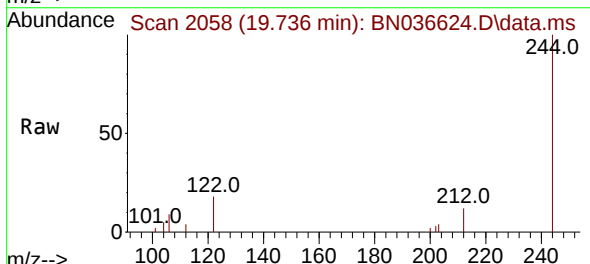
Tgt Ion:240 Resp: 4594
Ion Ratio Lower Upper
240 100
120 21.2 14.6 22.0
236 31.3 24.1 36.1

Manual Integrations
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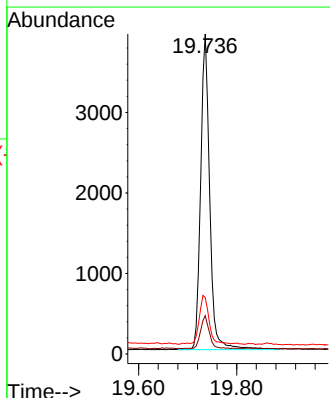
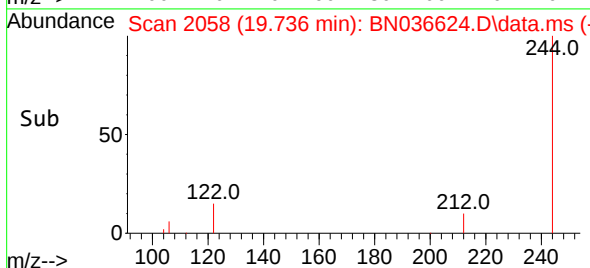
Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025

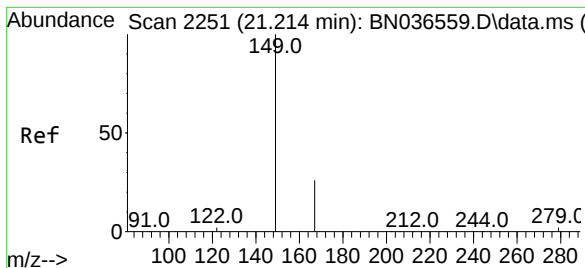


#31
Terphenyl-d14
Concen: 0.458 ng
RT: 19.736 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036624.D
Acq: 15 Mar 2025 01:53



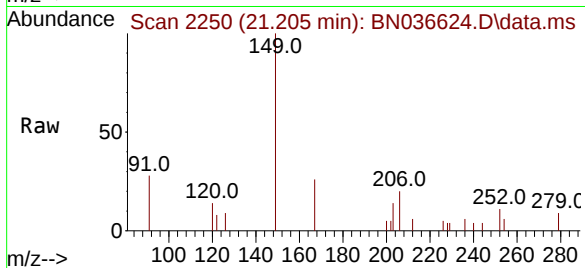
Tgt Ion:244 Resp: 5040
Ion Ratio Lower Upper
244 100
212 12.0 9.6 14.4
122 17.6 13.9 20.9





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.093 ng
 RT: 21.205 min Scan# 2120
 Delta R.T. -0.009 min
 Lab File: BN036624.D
 Acq: 15 Mar 2025 01:53

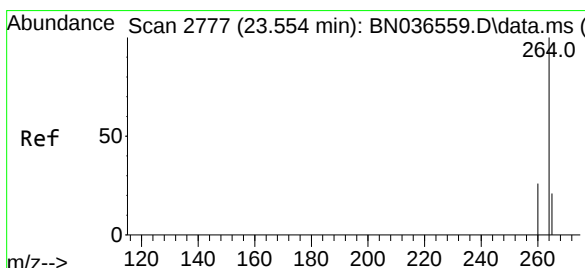
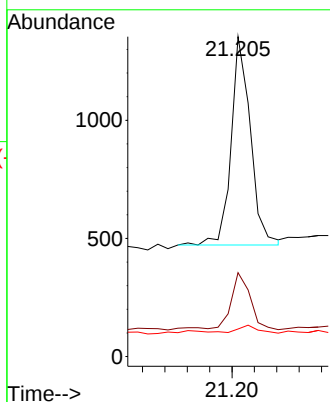
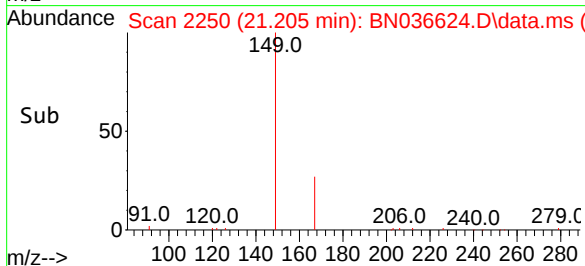
Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20250312



Tgt Ion:149 Resp: 1059
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.7 31.1
 279 4.2 3.6 5.4

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/17/2025
 Supervised By :Jagrut Upadhyay 03/17/2025



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.543 min Scan# 2773
 Delta R.T. -0.011 min
 Lab File: BN036624.D
 Acq: 15 Mar 2025 01:53

Tgt Ion:264 Resp: 3899
 Ion Ratio Lower Upper
 264 100
 260 27.3 22.6 33.8
 265 106.1 88.1 132.1

