

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
 Data File : BN036569.D
 Acq On : 10 Mar 2025 19:38
 Operator : RC/JU
 Sample : Q1531-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20250306

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025

Quant Time: Mar 11 00:52:53 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	7.724	152	2291	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	4880	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2910	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	5566	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	3909	0.400	ng	0.00
35) Perylene-d12	23.557	264	3415	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	829	0.155	ng	0.00
5) Phenol-d6	6.901	99	554	0.084	ng	0.00
8) Nitrobenzene-d5	8.875	82	1737	0.327	ng	0.00
11) 2-Methylnaphthalene-d10	12.116	152	2265	0.312	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	500	0.379	ng	0.01
15) 2-Fluorobiphenyl	12.993	172	5235	0.309	ng	0.00
27) Fluoranthene-d10	19.141	212	6371	0.447	ng	0.00
31) Terphenyl-d14	19.740	244	5588	0.597	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	9449	3.718	ng	98
34) Bis(2-ethylhexyl)phtha...	21.214	149	544m	0.056	ng	

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

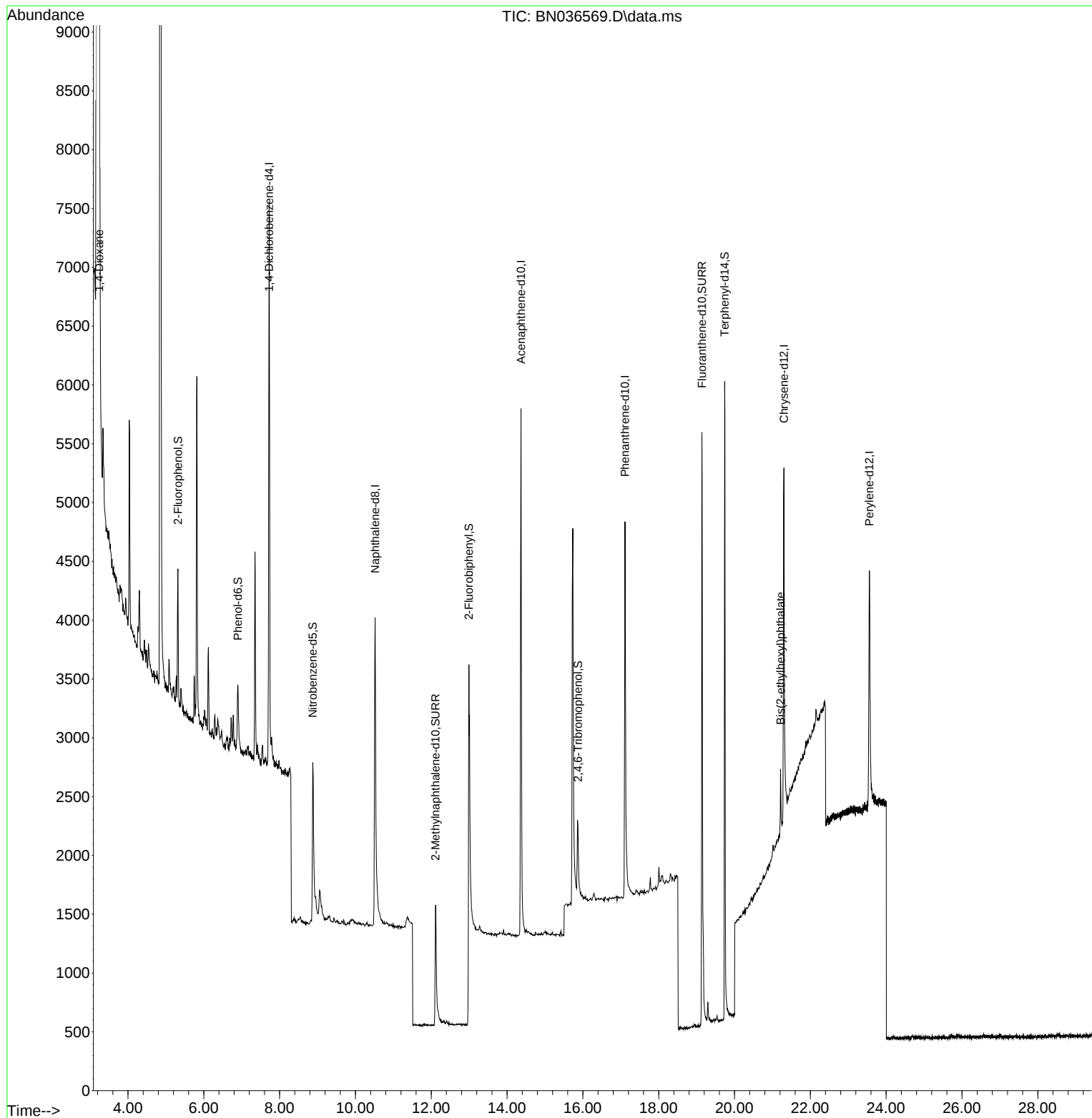
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
Data File : BN036569.D
Acq On : 10 Mar 2025 19:38
Operator : RC/JU
Sample : Q1531-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP01-20250306

Quant Time: Mar 11 00:52:53 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

Manual Integrations
APPROVED

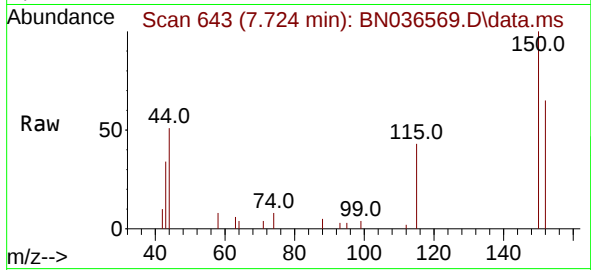
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036569.D
 Acq: 10 Mar 2025 19:38

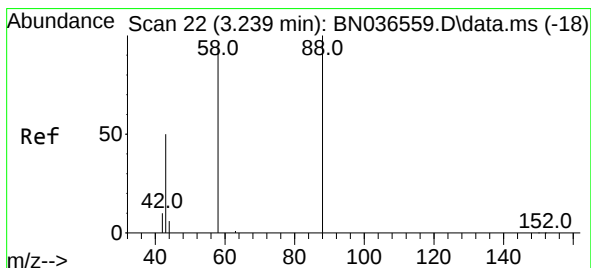
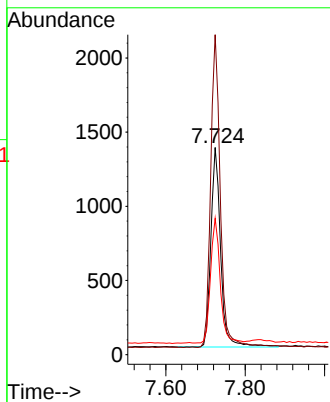
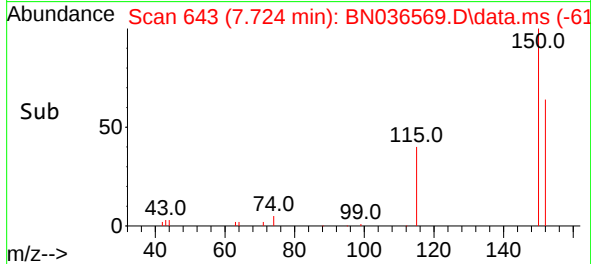
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20250306



Tgt Ion: 152 Resp: 229
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.7 185.5
 115 65.8 54.3 81.5

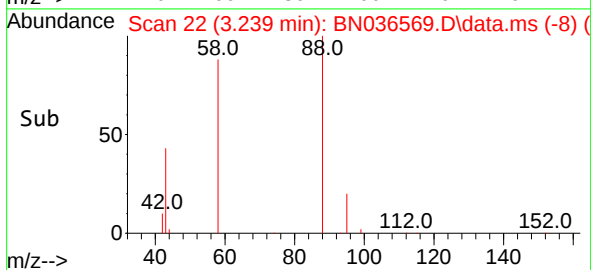
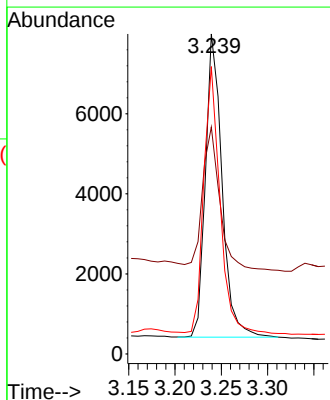
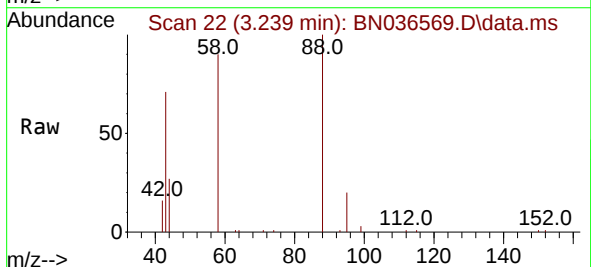
Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025



#2
 1,4-Dioxane
 Concen: 3.718 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036569.D
 Acq: 10 Mar 2025 19:38

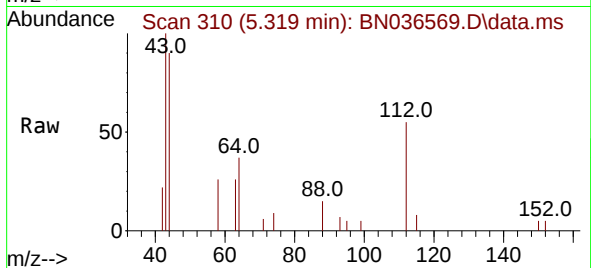
Tgt Ion: 88 Resp: 9449
 Ion Ratio Lower Upper
 88 100
 43 49.4 37.8 56.8
 58 85.7 67.4 101.2





#4
2-Fluorophenol
Concen: 0.155 ng
RT: 5.319 min Scan# 310
Delta R.T. 0.007 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38

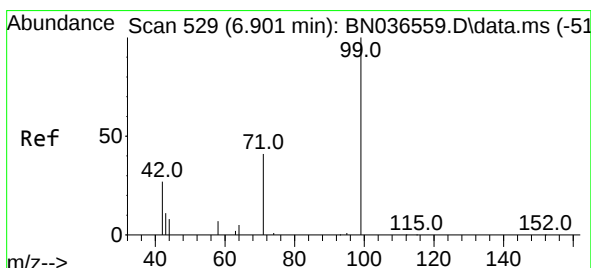
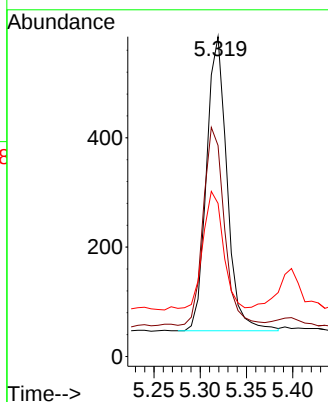
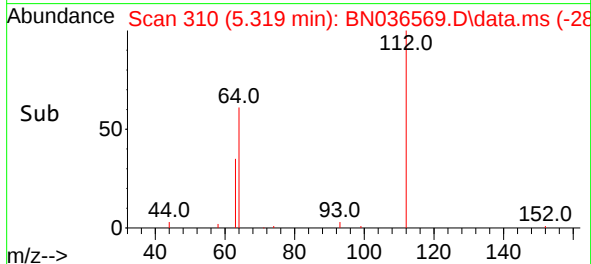
Instrument :
BNA_N
ClientSampleId :
DUP01-20250306



Tgt Ion: 112 Resp: 829
Ion Ratio Lower Upper
112 100
64 70.3 53.1 79.7
63 41.5 31.8 47.8

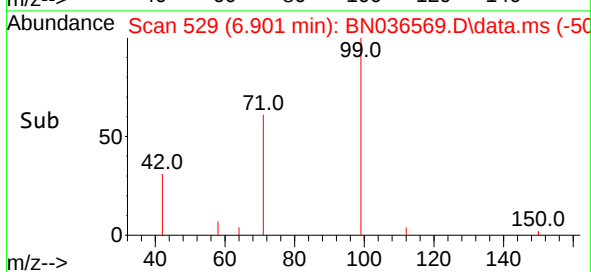
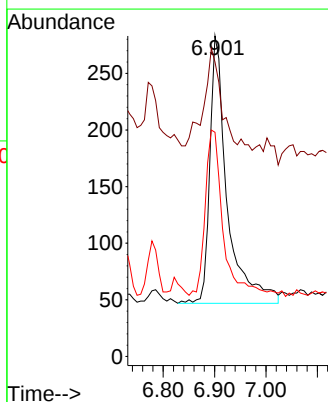
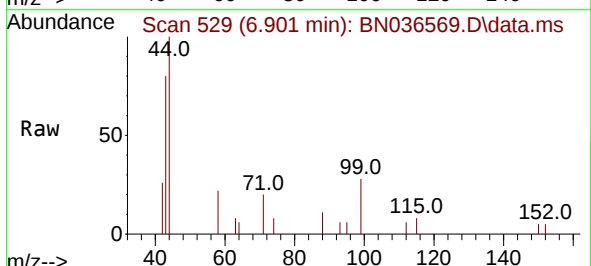
Manual Integrations
APPROVED

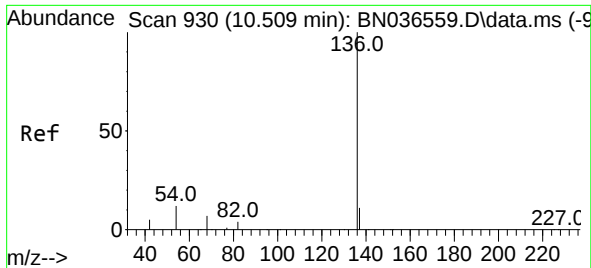
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#5
Phenol-d6
Concen: 0.084 ng
RT: 6.901 min Scan# 529
Delta R.T. -0.000 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38

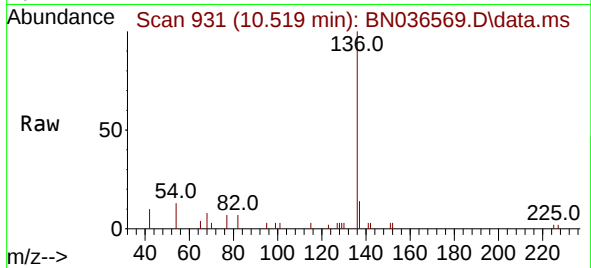
Tgt Ion: 99 Resp: 554
Ion Ratio Lower Upper
99 100
42 34.3 26.5 39.7
71 65.5 34.1 51.1#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 911
Delta R.T. 0.011 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38

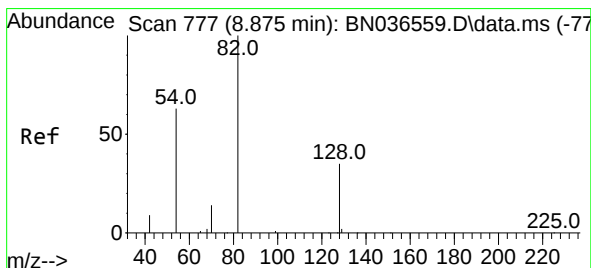
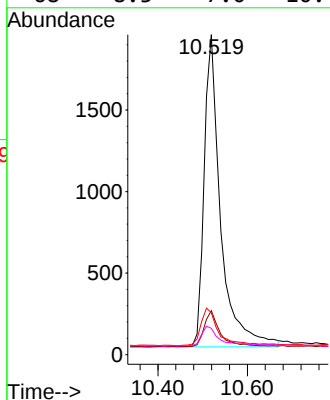
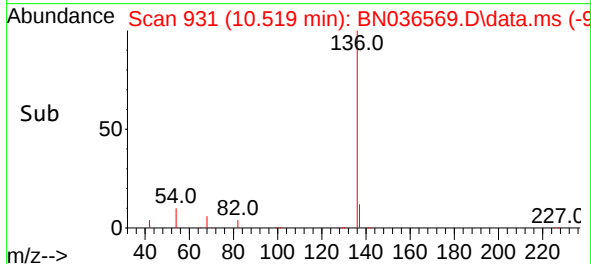
Instrument :
BNA_N
ClientSampleId :
DUP01-20250306



Tgt Ion:136 Resp: 4880
Ion Ratio Lower Upper
136 100
137 13.8 10.3 15.5
54 13.1 11.5 17.3
68 8.3 7.0 10.4

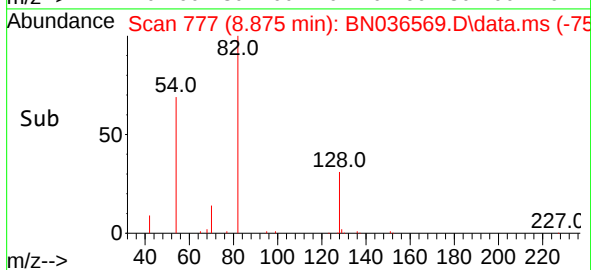
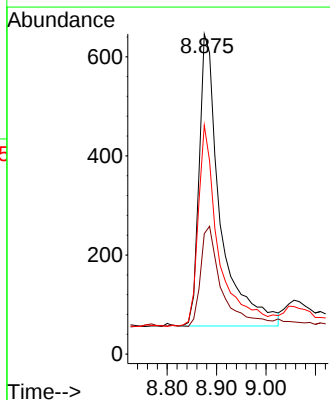
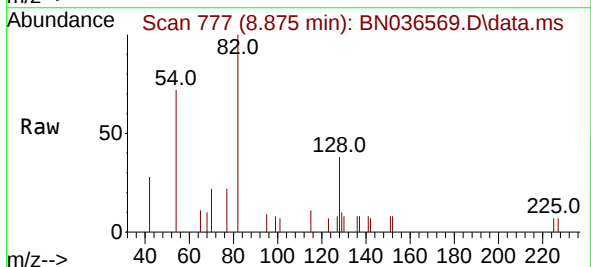
Manual Integrations
APPROVED

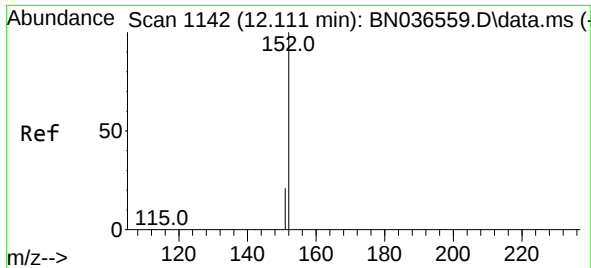
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38

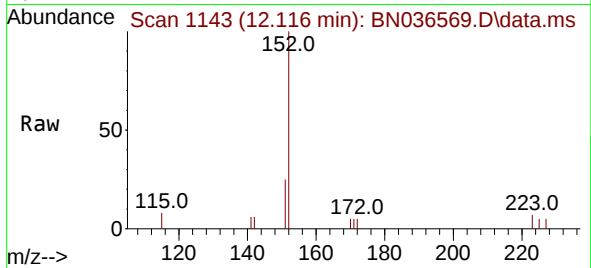
Tgt Ion: 82 Resp: 1737
Ion Ratio Lower Upper
82 100
128 37.6 30.6 45.8
54 71.5 52.2 78.4





#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.116 min Scan# 1143
Delta R.T. 0.005 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38

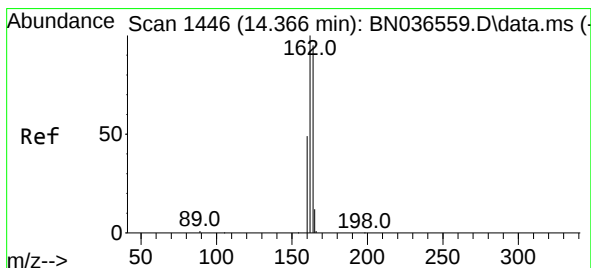
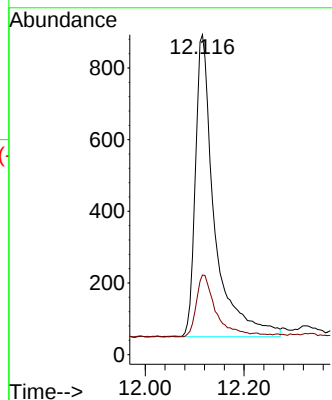
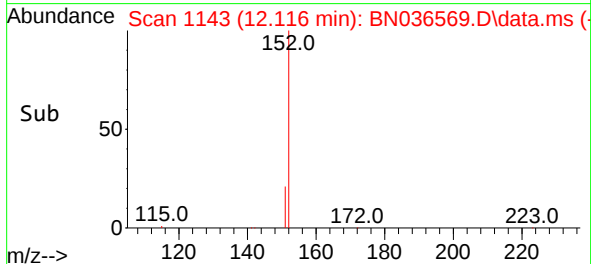
Instrument :
BNA_N
ClientSampleId :
DUP01-20250306



Tgt Ion:152 Resp: 226
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6

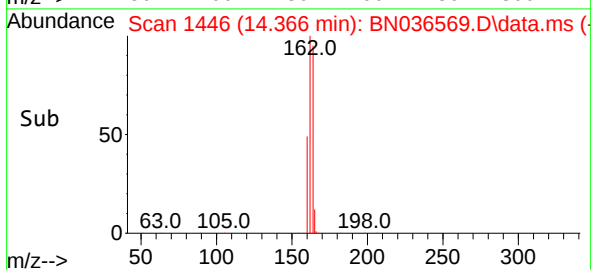
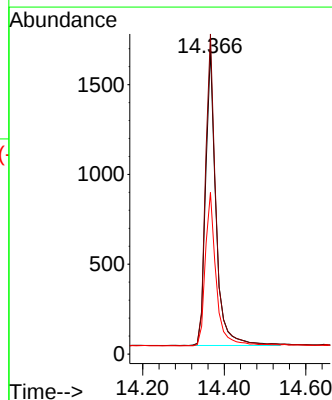
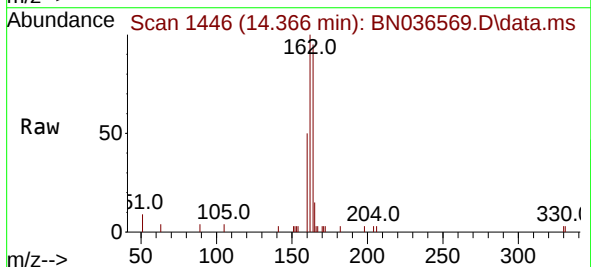
Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38

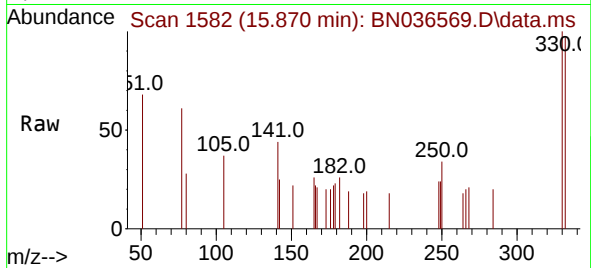
Tgt Ion:164 Resp: 2910
Ion Ratio Lower Upper
164 100
162 105.1 84.2 126.2
160 53.0 42.2 63.2





#14
2,4,6-Tribromophenol
Concen: 0.379 ng
RT: 15.870 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38

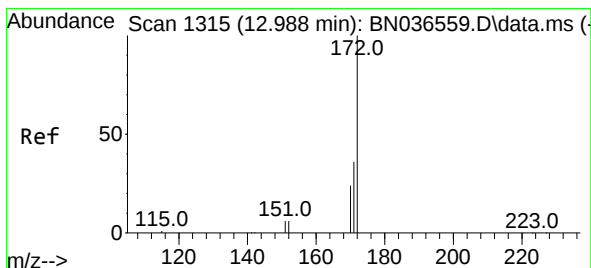
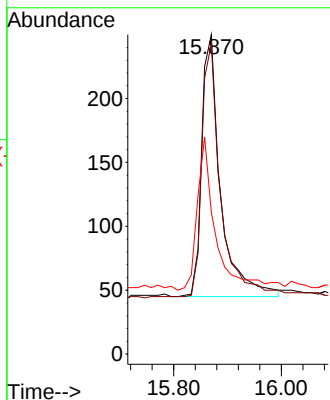
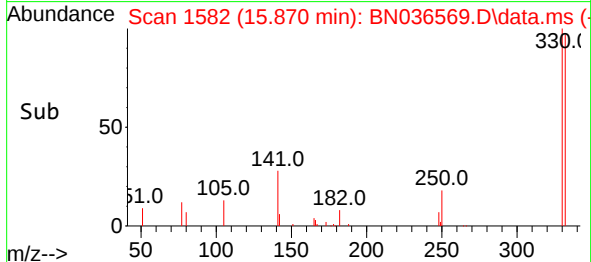
Instrument :
BNA_N
ClientSampleId :
DUP01-20250306



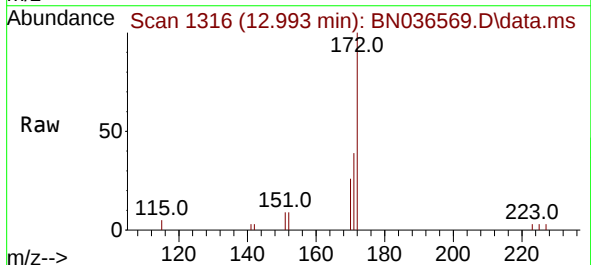
Tgt Ion:330 Resp: 500
Ion Ratio Lower Upper
330 100
332 95.8 75.2 112.8
141 57.4 43.4 65.2

Manual Integrations
APPROVED

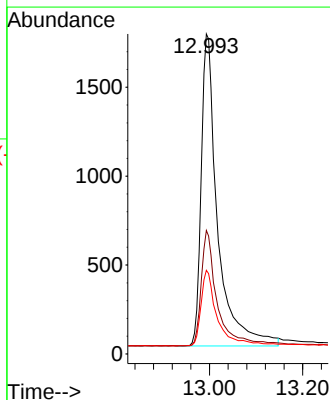
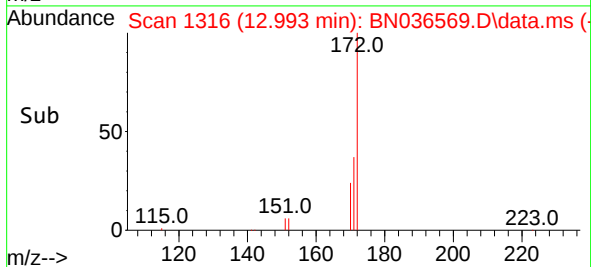
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.993 min Scan# 1316
Delta R.T. 0.005 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38



Tgt Ion:172 Resp: 5235
Ion Ratio Lower Upper
172 100
171 38.6 29.5 44.3
170 26.2 20.2 30.4





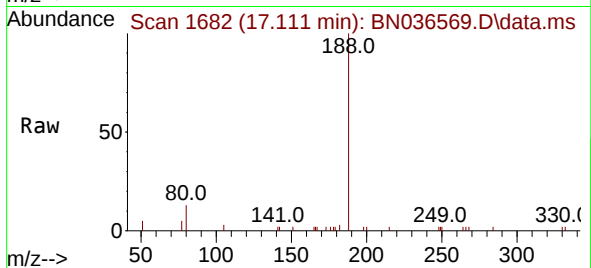
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38

Instrument :

BNA_N

ClientSampleId :

DUP01-20250306

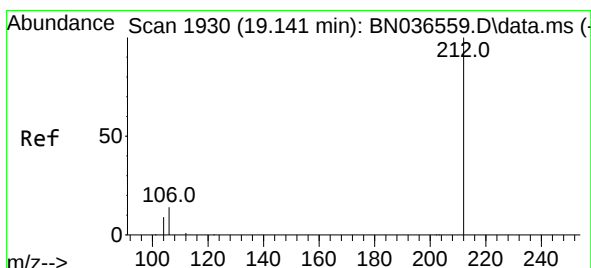
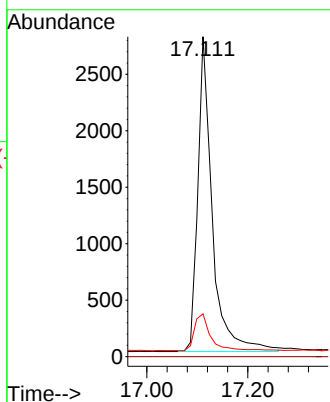
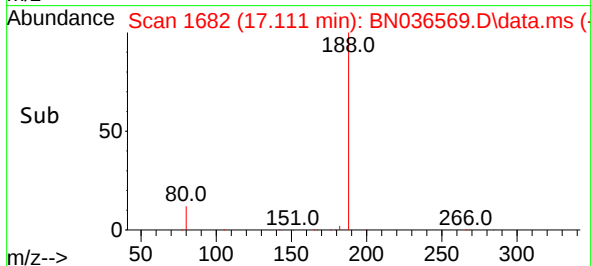


Tgt Ion:188 Resp: 5560
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.4 8.8 13.2

Manual Integrations

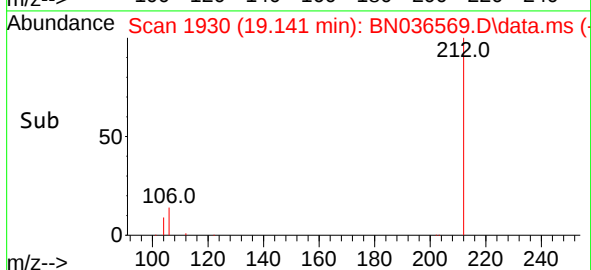
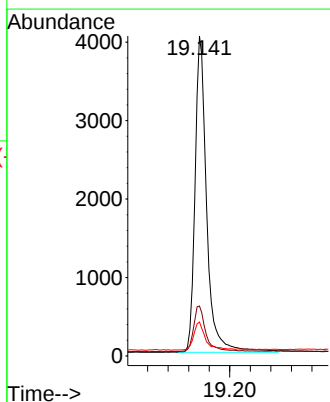
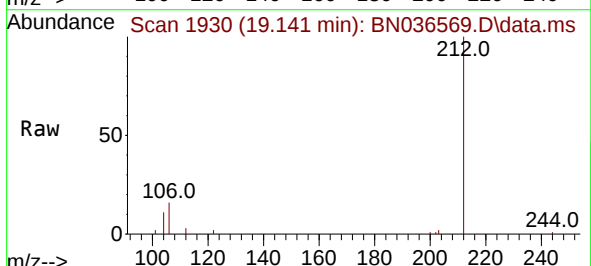
APPROVED

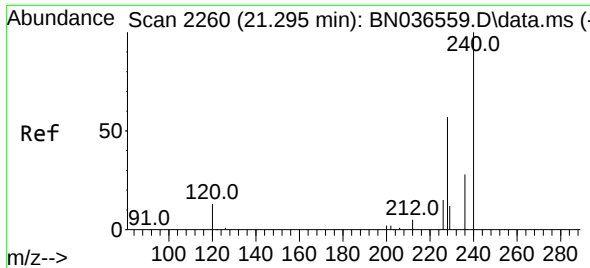
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025



#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38

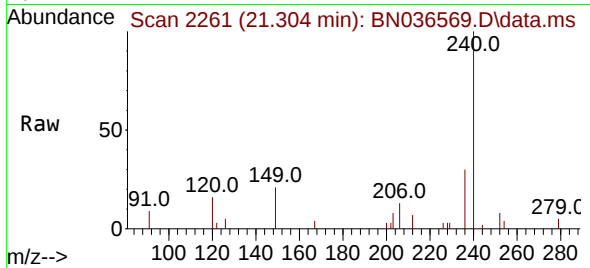
Tgt Ion:212 Resp: 6371
Ion Ratio Lower Upper
212 100
106 15.2 11.8 17.6
104 9.0 7.3 10.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38

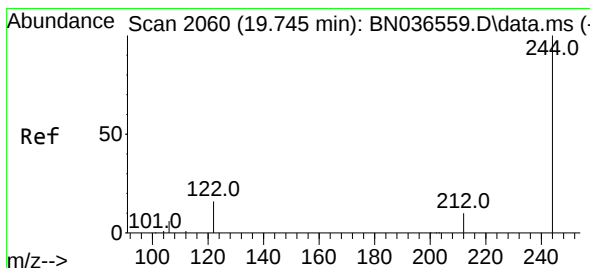
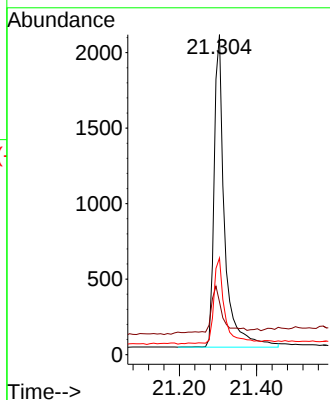
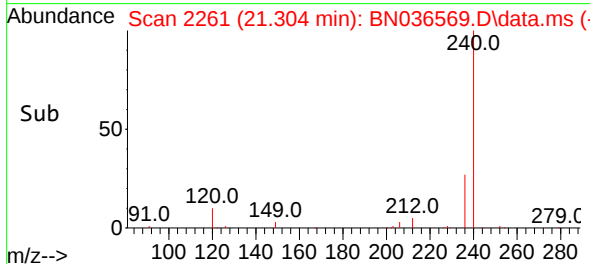
Instrument :
BNA_N
ClientSampleId :
DUP01-20250306



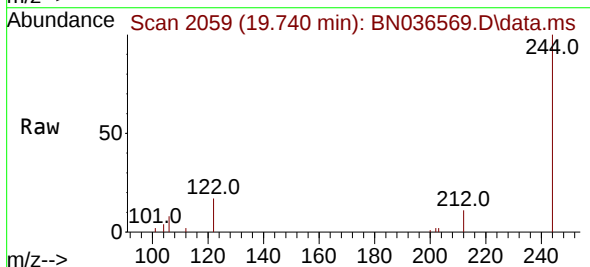
Tgt Ion:240 Resp: 3905
Ion Ratio Lower Upper
240 100
120 16.5 14.6 22.0
236 30.2 24.1 36.1

Manual Integrations
APPROVED

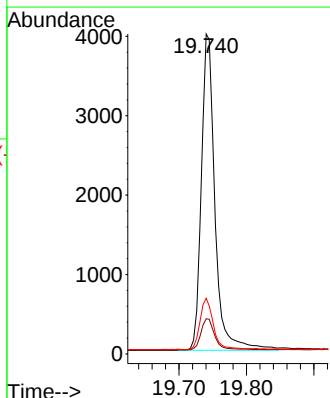
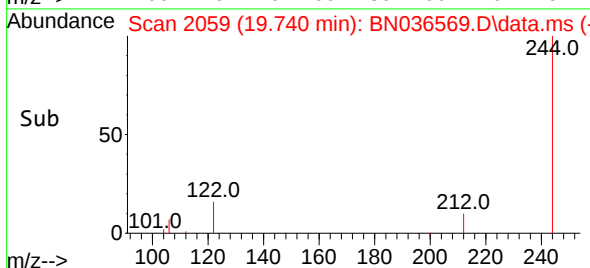
Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

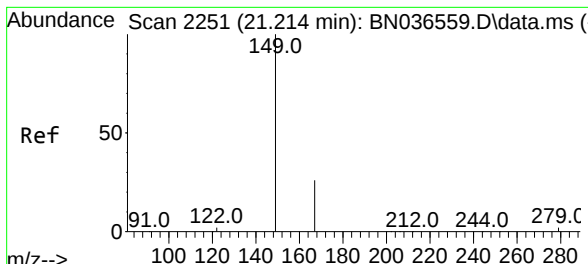


#31
Terphenyl-d14
Concen: 0.597 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036569.D
Acq: 10 Mar 2025 19:38



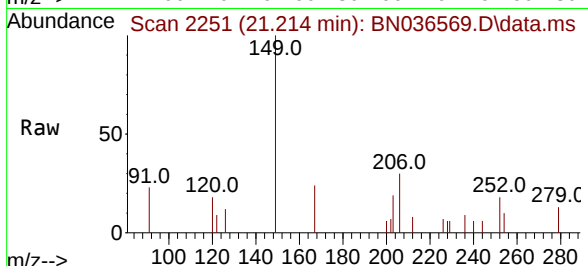
Tgt Ion:244 Resp: 5588
Ion Ratio Lower Upper
244 100
212 11.0 9.6 14.4
122 17.4 13.9 20.9





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.056 ng m
 RT: 21.214 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN036569.D
 Acq: 10 Mar 2025 19:38

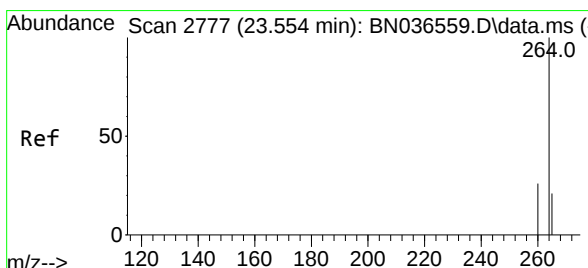
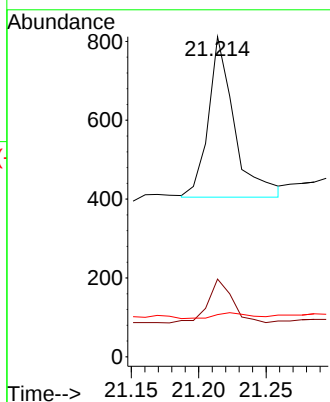
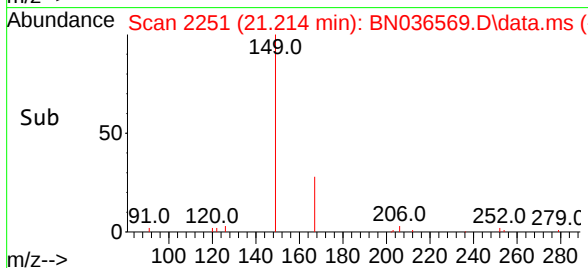
Instrument :
 BNA_N
 ClientSampleId :
 DUP01-20250306



Tgt Ion:	149	Resp:	544
Ion Ratio	100	Lower	Upper
149	100		
167	25.6	20.7	31.1
279	4.8	3.6	5.4

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/11/2025
 Supervised By :Jagrut Upadhyay 03/11/2025



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.557 min Scan# 2778
 Delta R.T. 0.003 min
 Lab File: BN036569.D
 Acq: 10 Mar 2025 19:38

Tgt Ion:	264	Resp:	3415
Ion Ratio	100	Lower	Upper
264	100		
260	28.2	22.6	33.8
265	117.9	88.1	132.1

