

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036625.D
 Acq On : 15 Mar 2025 02:29
 Operator : RC/JU
 Sample : Q1559-22
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20250312

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 03:33:11 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	2412	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	5603	0.400	ng	0.00
13) Acenaphthene-d10	14.355	164	3082	0.400	ng	-0.01
19) Phenanthrene-d10	17.111	188	6030	0.400	ng	0.00
29) Chrysene-d12	21.295	240	3969	0.400	ng	0.00
35) Perylene-d12	23.542	264	3179	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1000	0.178	ng	0.00
5) Phenol-d6	6.901	99	669	0.096	ng	0.00
8) Nitrobenzene-d5	8.875	82	1885	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.101	152	2772	0.333	ng	-0.01
14) 2,4,6-Tribromophenol	15.857	330	506	0.362	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	6491	0.362	ng	0.00
27) Fluoranthene-d10	19.136	212	6993	0.452	ng	0.00
31) Terphenyl-d14	19.735	244	4833	0.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	10360	3.872	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.205	149	963m	0.098	ng	

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

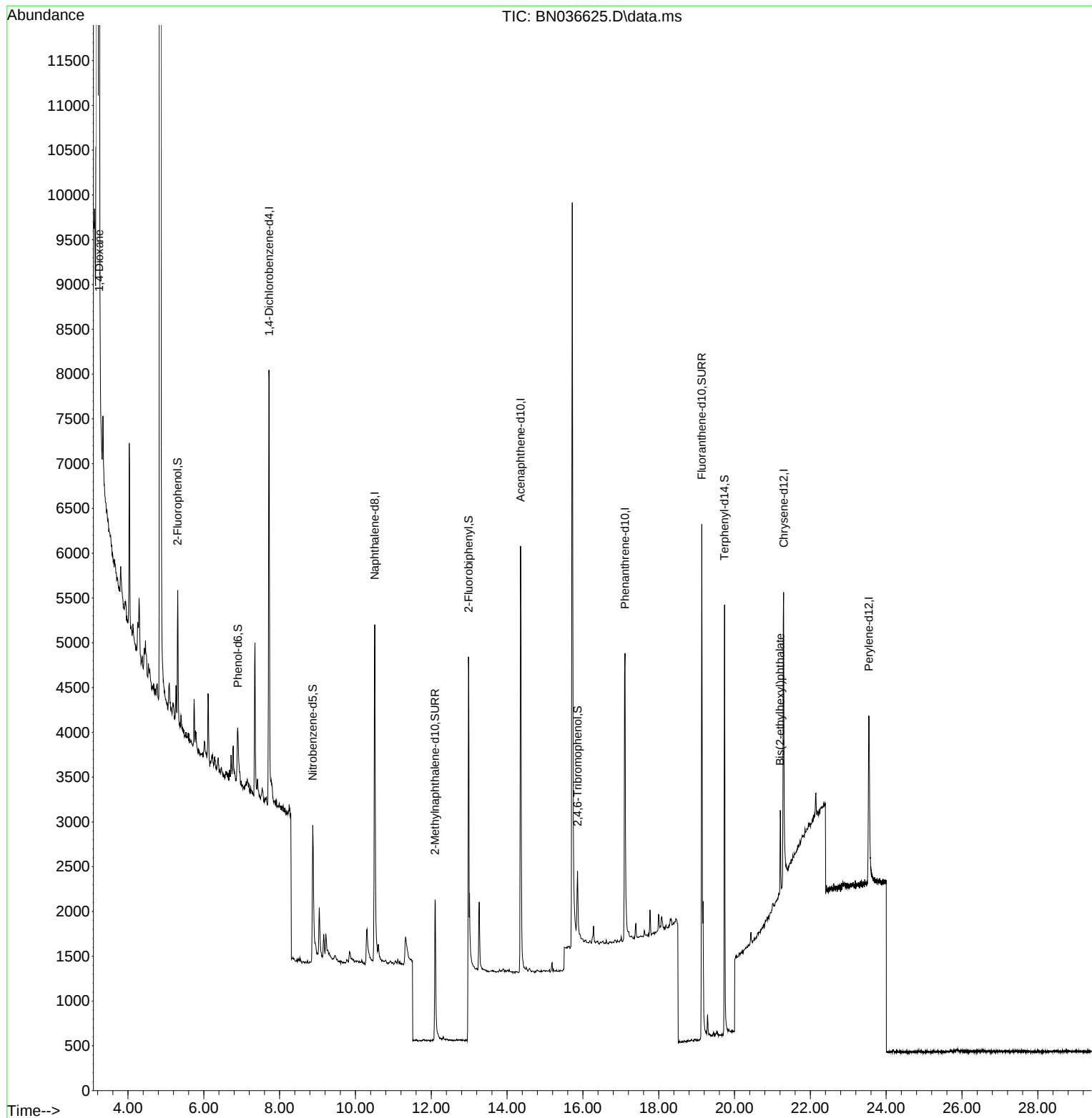
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
Data File : BN036625.D
Acq On : 15 Mar 2025 02:29
Operator : RC/JU
Sample : Q1559-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312

Quant Time: Mar 15 03:33:11 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

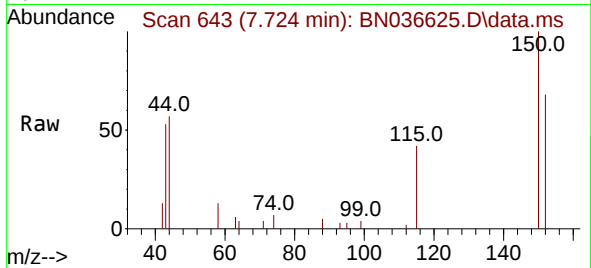
Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN036625.D
 Acq: 15 Mar 2025 02:29

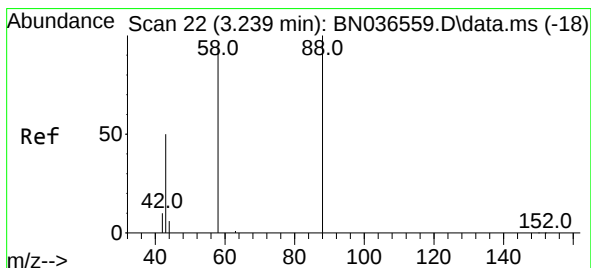
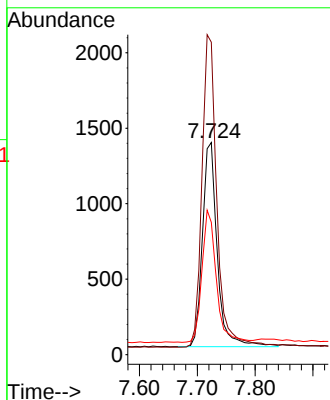
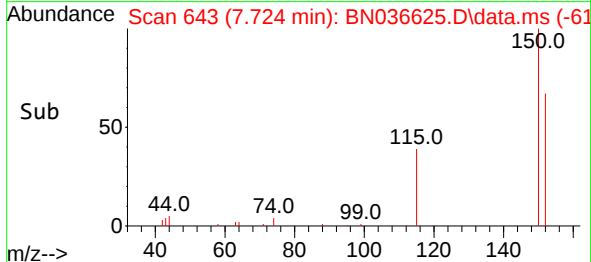
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20250312



Tgt Ion:152 Resp: 241
 Ion Ratio Lower Upper
 152 100
 150 147.3 123.7 185.5
 115 62.3 54.3 81.5

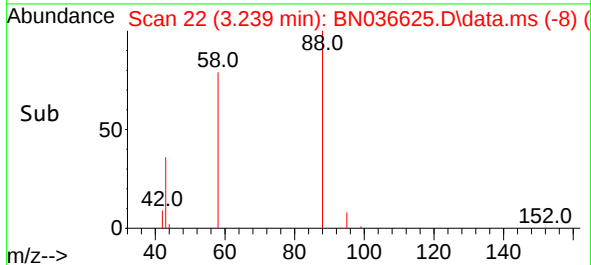
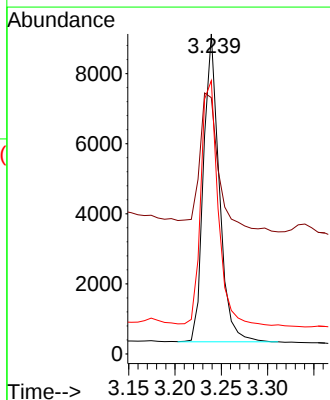
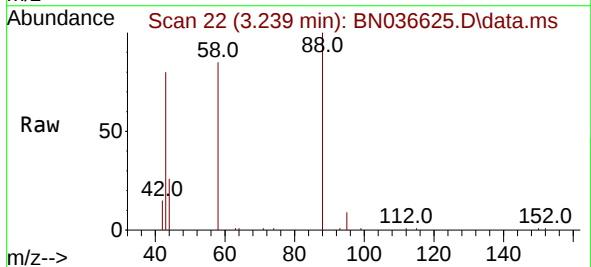
Manual Integrations
 APPROVED

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



#2
 1,4-Dioxane
 Concen: 3.872 ng
 RT: 3.239 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN036625.D
 Acq: 15 Mar 2025 02:29

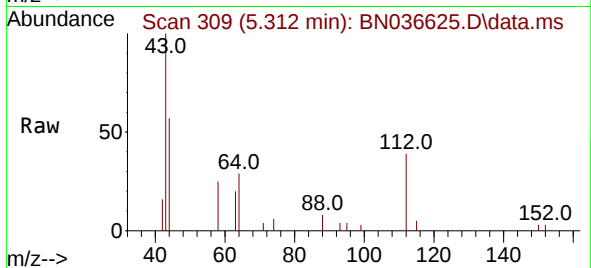
Tgt Ion: 88 Resp: 10360
 Ion Ratio Lower Upper
 88 100
 43 56.8 37.8 56.8#
 58 87.1 67.4 101.2





#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.312 min Scan# 309
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

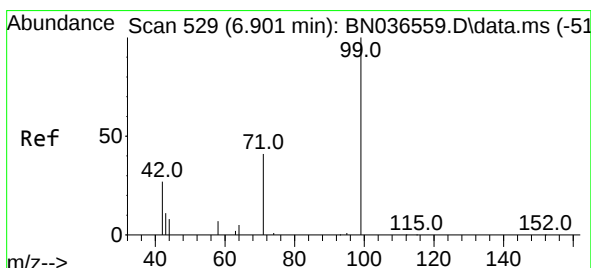
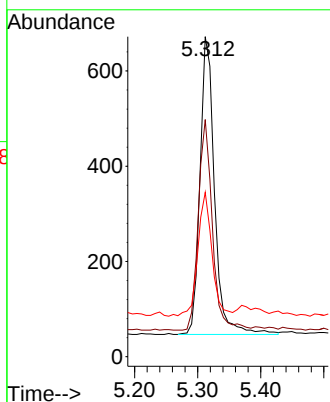
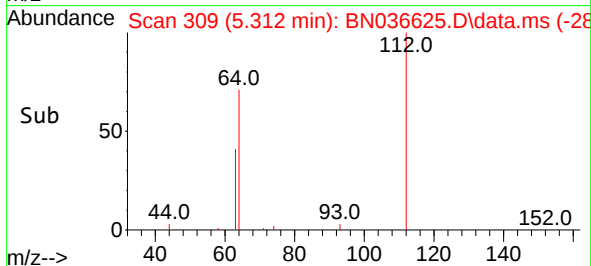
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312



Tgt Ion:112 Resp: 1000
Ion Ratio Lower Upper
112 100
64 68.3 53.1 79.7
63 40.7 31.8 47.8

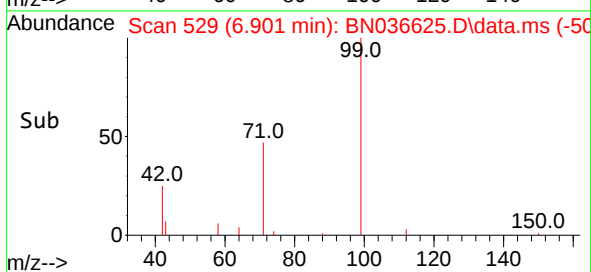
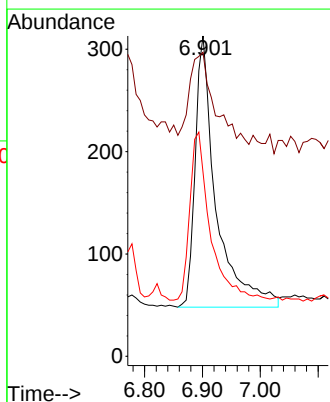
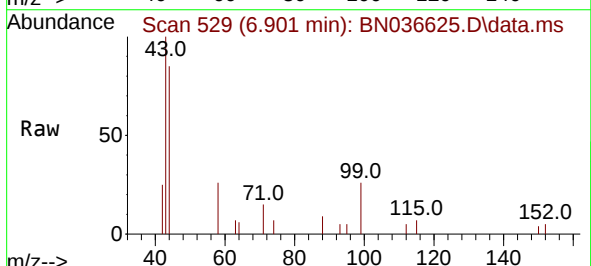
Manual Integrations
APPROVED

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



#5
Phenol-d6
Concen: 0.096 ng
RT: 6.901 min Scan# 529
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

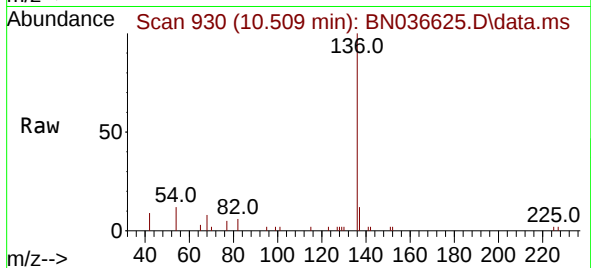
Tgt Ion: 99 Resp: 669
Ion Ratio Lower Upper
99 100
42 40.1 26.5 39.7#
71 59.6 34.1 51.1#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.509 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

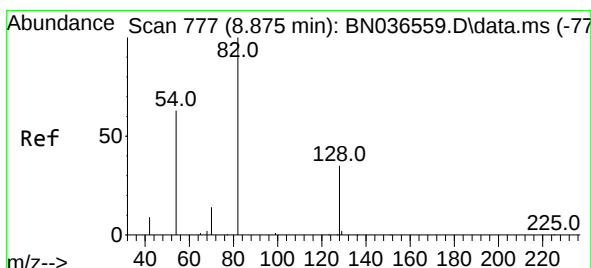
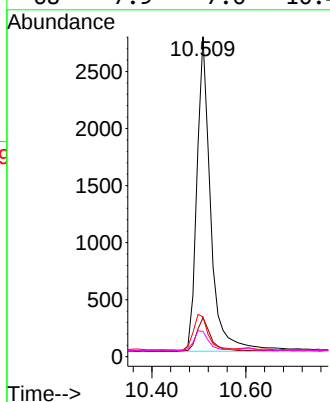
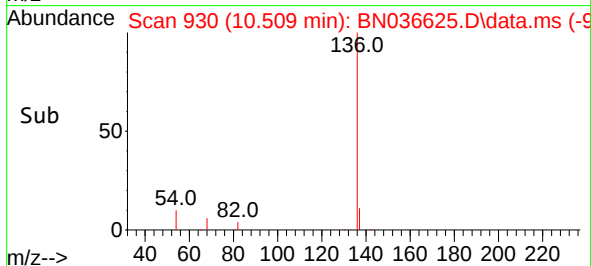
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312



Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.2	10.3	15.5
54	12.4	11.5	17.3
68	7.9	7.0	10.4

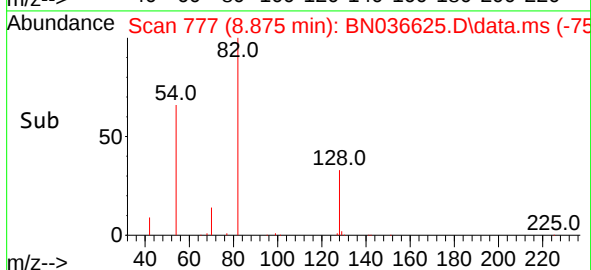
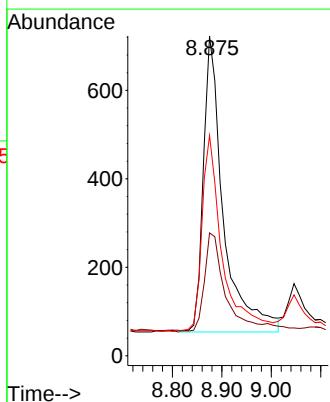
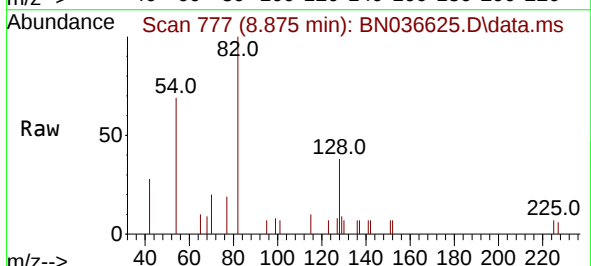
Manual Integrations
APPROVED

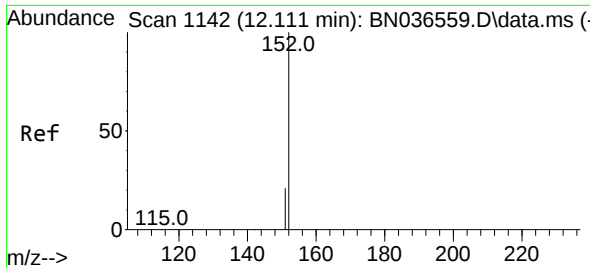
Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025



#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.875 min Scan# 777
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

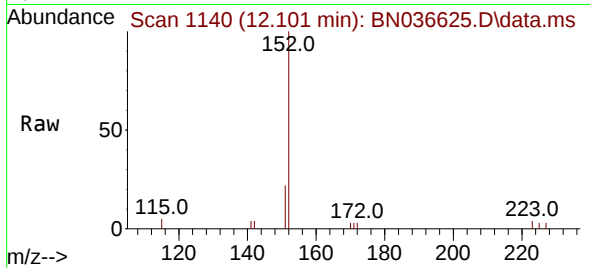
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.6	45.8
54	68.9	52.2	78.4





#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.101 min Scan# 1142
Delta R.T. -0.010 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

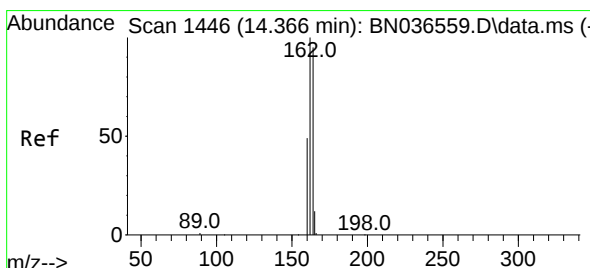
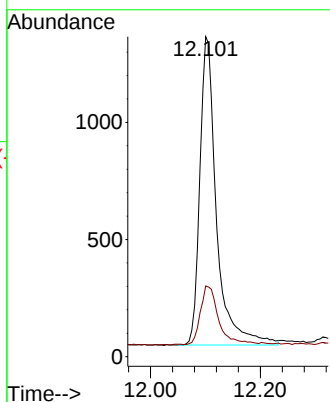
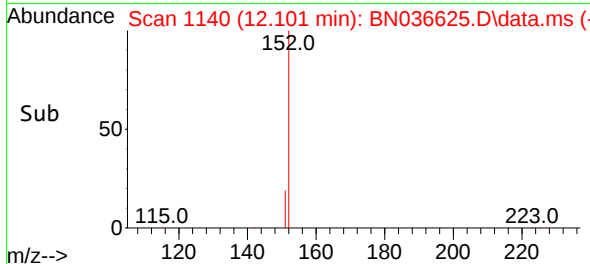
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312



Tgt Ion:152 Resp: 2772
Ion Ratio Lower Upper
152 100
151 20.5 17.0 25.6

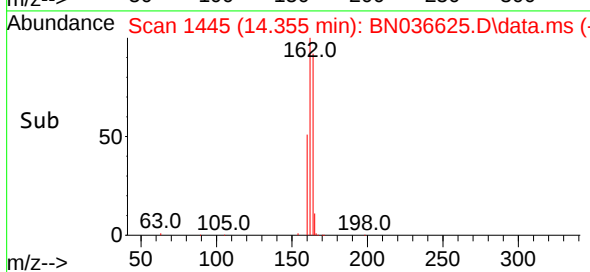
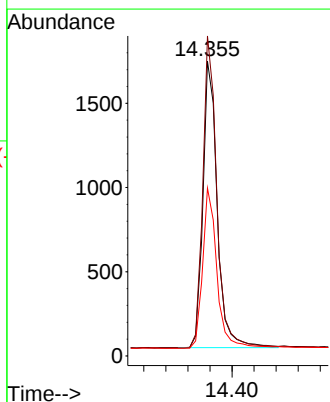
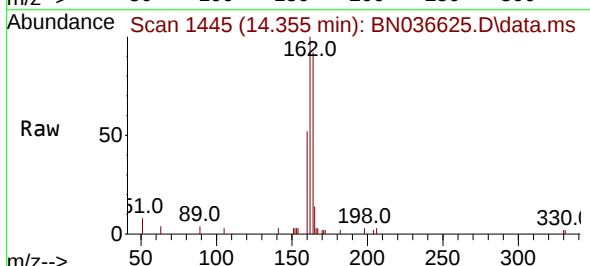
Manual Integrations
APPROVED

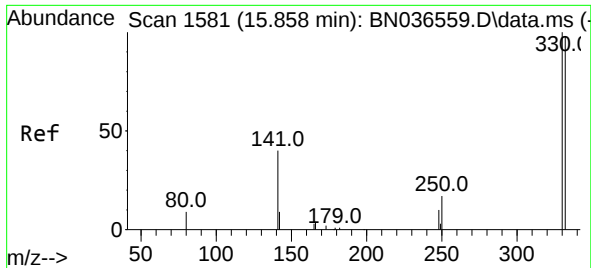
Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.355 min Scan# 1445
Delta R.T. -0.011 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

Tgt Ion:164 Resp: 3082
Ion Ratio Lower Upper
164 100
162 108.6 84.2 126.2
160 57.0 42.2 63.2





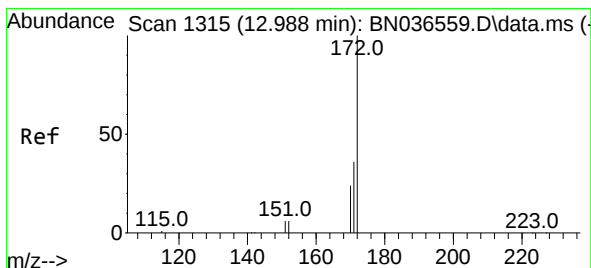
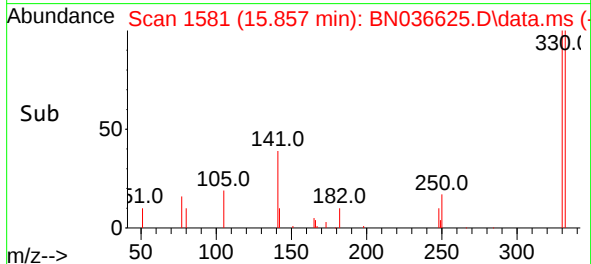
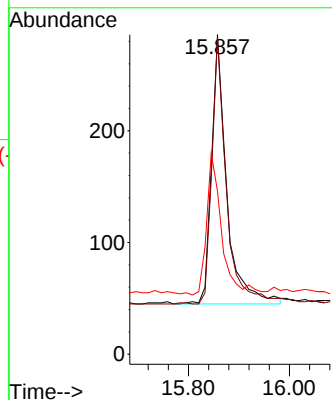
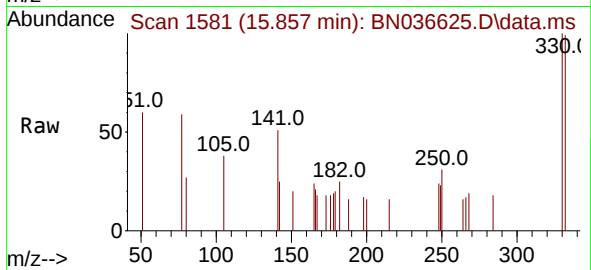
#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312

Tgt Ion:330 Resp: 500
Ion Ratio Lower Upper
330 100
332 94.9 75.2 112.8
141 52.0 43.4 65.2

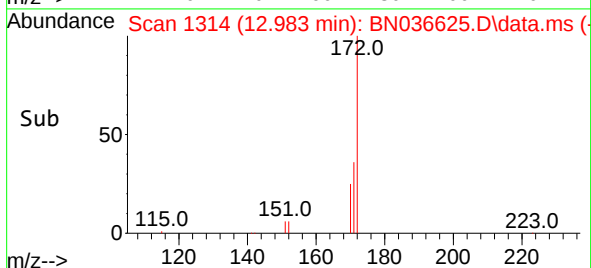
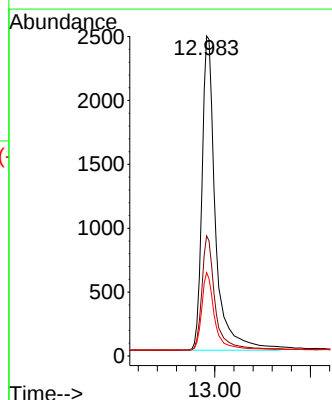
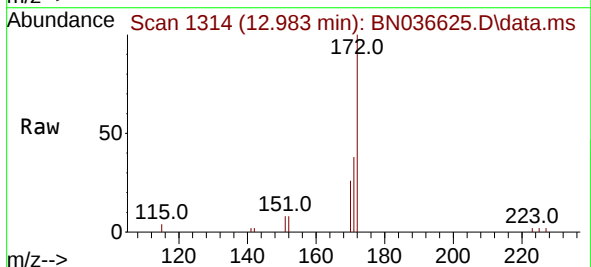
Manual Integrations
APPROVED

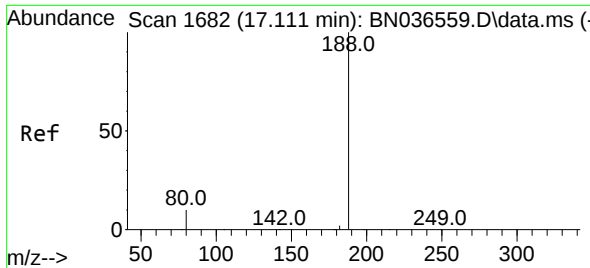
Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025



#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 12.983 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

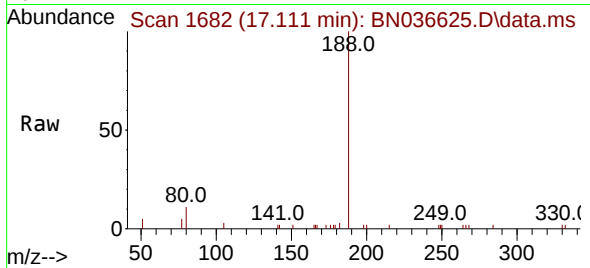
Tgt Ion:172 Resp: 6491
Ion Ratio Lower Upper
172 100
171 37.6 29.5 44.3
170 26.1 20.2 30.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

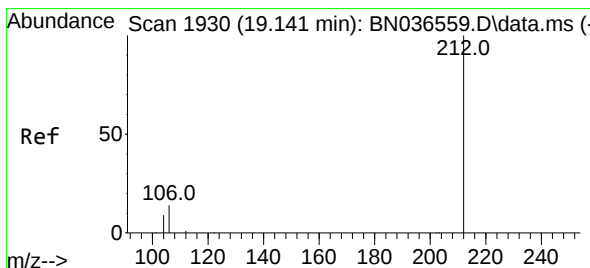
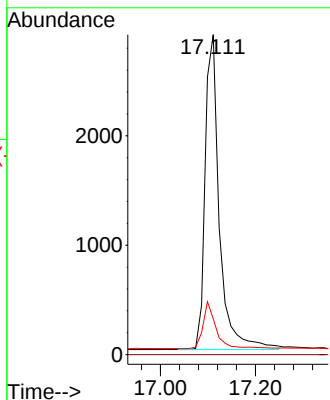
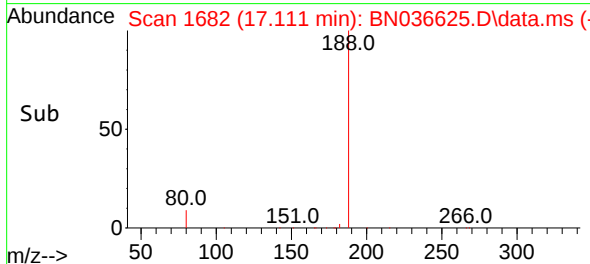
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312



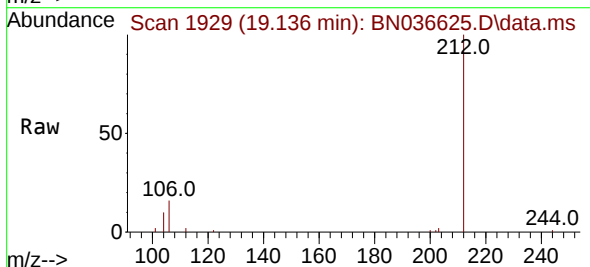
Tgt Ion:188 Resp: 6030
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 8.8 13.2

Manual Integrations
APPROVED

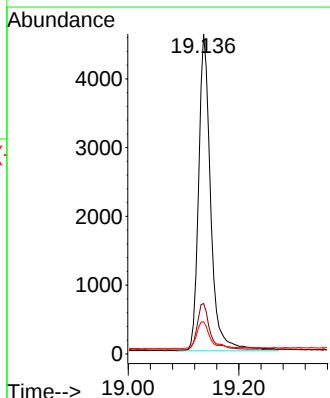
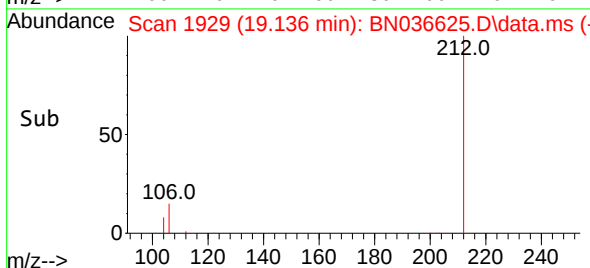
Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025

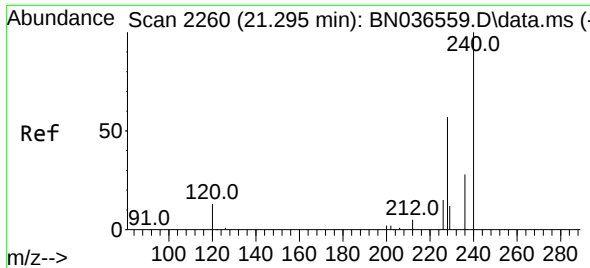


#27
Fluoranthene-d10
Concen: 0.452 ng
RT: 19.136 min Scan# 1929
Delta R.T. -0.005 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29



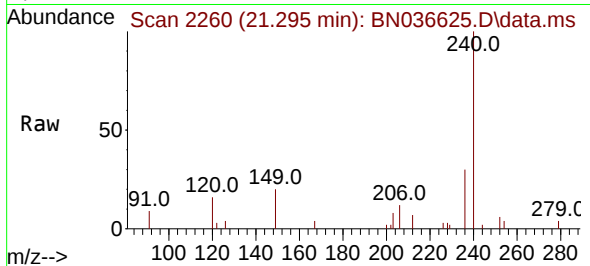
Tgt Ion:212 Resp: 6993
Ion Ratio Lower Upper
212 100
106 15.8 11.8 17.6
104 9.8 7.3 10.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2120
Delta R.T. -0.000 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

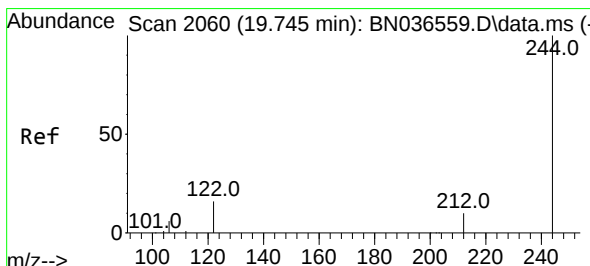
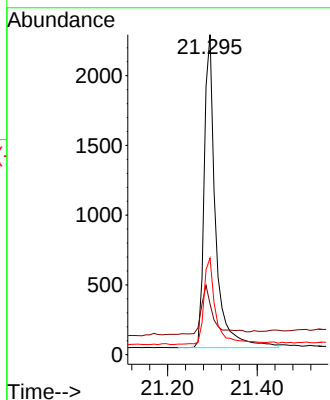
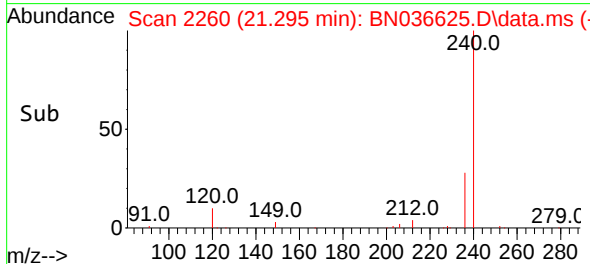
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312



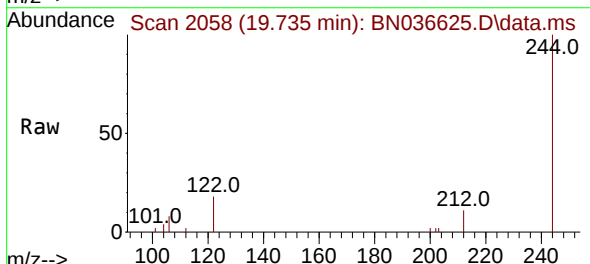
Tgt Ion:240 Resp: 3969
Ion Ratio Lower Upper
240 100
120 15.8 14.6 22.0
236 30.2 24.1 36.1

Manual Integrations
APPROVED

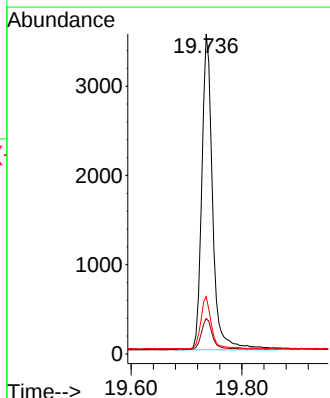
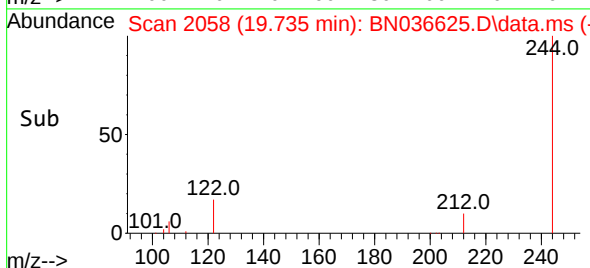
Reviewed By :Anahy Claudio 03/17/2025
Supervised By :Jagrut Upadhyay 03/17/2025

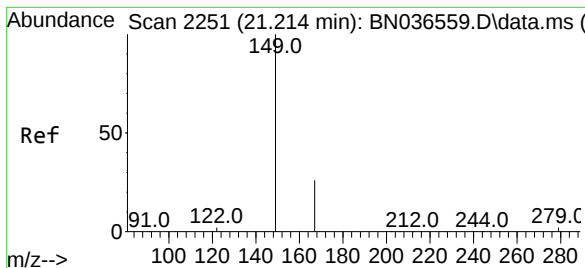


#31
Terphenyl-d14
Concen: 0.508 ng
RT: 19.735 min Scan# 2058
Delta R.T. -0.009 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29



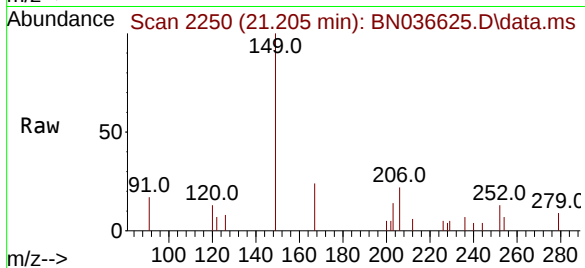
Tgt Ion:244 Resp: 4833
Ion Ratio Lower Upper
244 100
212 11.0 9.6 14.4
122 17.9 13.9 20.9





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng m
RT: 21.205 min Scan# 2120
Delta R.T. -0.009 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

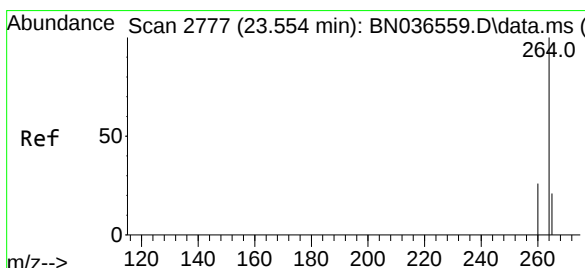
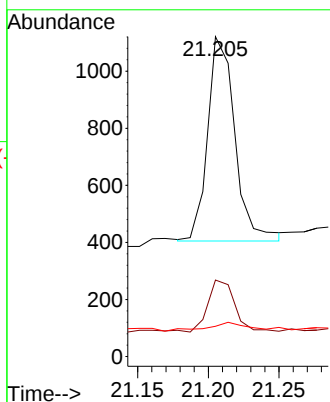
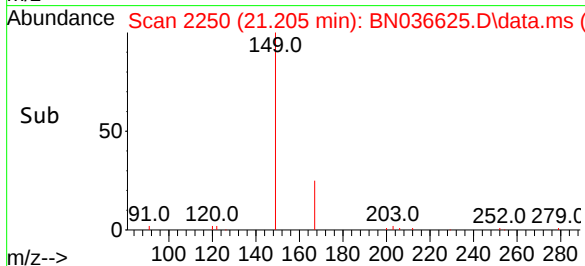
Instrument :
BNA_N
ClientSampleId :
RE120D2-20250312



Tgt Ion:149 Resp: 963
Ion Ratio Lower Upper
149 100
167 23.9 20.7 31.1
279 7.3 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: 23.542 min Scan# 2773
Delta R.T. -0.012 min
Lab File: BN036625.D
Acq: 15 Mar 2025 02:29

Tgt Ion:264 Resp: 3179
Ion Ratio Lower Upper
264 100
260 28.8 22.6 33.8
265 117.7 88.1 132.1

