

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
 Data File : BN036531.D
 Acq On : 05 Mar 2025 19:18
 Operator : RC/JU
 Sample : PB166992BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB166992BSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025

Quant Time: Mar 06 00:03:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 16:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.732	152	1886	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	4343	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	2423	0.400	ng	0.00
19) Phenanthrene-d10	17.111	188	4936	0.400	ng	0.00
29) Chrysene-d12	21.295	240	4101	0.400	ng	# 0.00
35) Perylene-d12	23.557	264	3858	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	1860	0.417	ng	0.00
5) Phenol-d6	6.908	99	2080	0.398	ng	0.00
8) Nitrobenzene-d5	8.875	82	1742	0.407	ng	0.00
11) 2-Methylnaphthalene-d10	12.111	152	3306	0.495	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	407	0.339	ng	0.01
15) 2-Fluorobiphenyl	12.993	172	5633	0.618	ng	0.00
27) Fluoranthene-d10	19.146	212	5524	0.402	ng	0.00
31) Terphenyl-d14	19.750	244	4044	0.462	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.239	88	775	0.376	ng	# 58
3) n-Nitrosodimethylamine	3.550	42	1630	0.455	ng	91
6) bis(2-Chloroethyl)ether	7.154	93	2180	0.399	ng	97
9) Naphthalene	10.562	128	4933	0.394	ng	98
10) Hexachlorobutadiene	10.861	225	1251	0.410	ng	# 99
12) 2-Methylnaphthalene	12.187	142	3089	0.376	ng	97
16) Acenaphthylene	14.088	152	5041	0.471	ng	100
17) Acenaphthene	14.430	154	3166	0.443	ng	98
18) Fluorene	15.425	166	4113	0.404	ng	97
20) 4,6-Dinitro-2-methylph...	15.510	198	269	0.278	ng	# 81
21) 4-Bromophenyl-phenylether	16.317	248	1233	0.419	ng	# 81
22) Hexachlorobenzene	16.429	284	1525	0.419	ng	96
23) Atrazine	16.590	200	1087	0.442	ng	95
24) Pentachlorophenol	16.776	266	1113	0.645	ng	99
25) Phenanthrene	17.149	178	6334	0.444	ng	99
26) Anthracene	17.248	178	6001	0.477	ng	99
28) Fluoranthene	19.174	202	7495	0.428	ng	99
30) Pyrene	19.541	202	7760	0.491	ng	99
32) Benzo(a)anthracene	21.286	228	6200	0.459	ng	98
33) Chrysene	21.340	228	6883	0.471	ng	99
34) Bis(2-ethylhexyl)phtha...	21.214	149	3851	0.458	ng	99
36) Indeno(1,2,3-cd)pyrene	25.849	276	6430	0.477	ng	99
37) Benzo(b)fluoranthene	22.876	252	5588	0.440	ng	97
38) Benzo(k)fluoranthene	22.920	252	6525m	0.499	ng	
39) Benzo(a)pyrene	23.461	252	5395	0.487	ng	94
40) Dibenzo(a,h)anthracene	25.864	278	4774	0.449	ng	96
41) Benzo(g,h,i)perylene	26.542	276	5348	0.443	ng	98

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

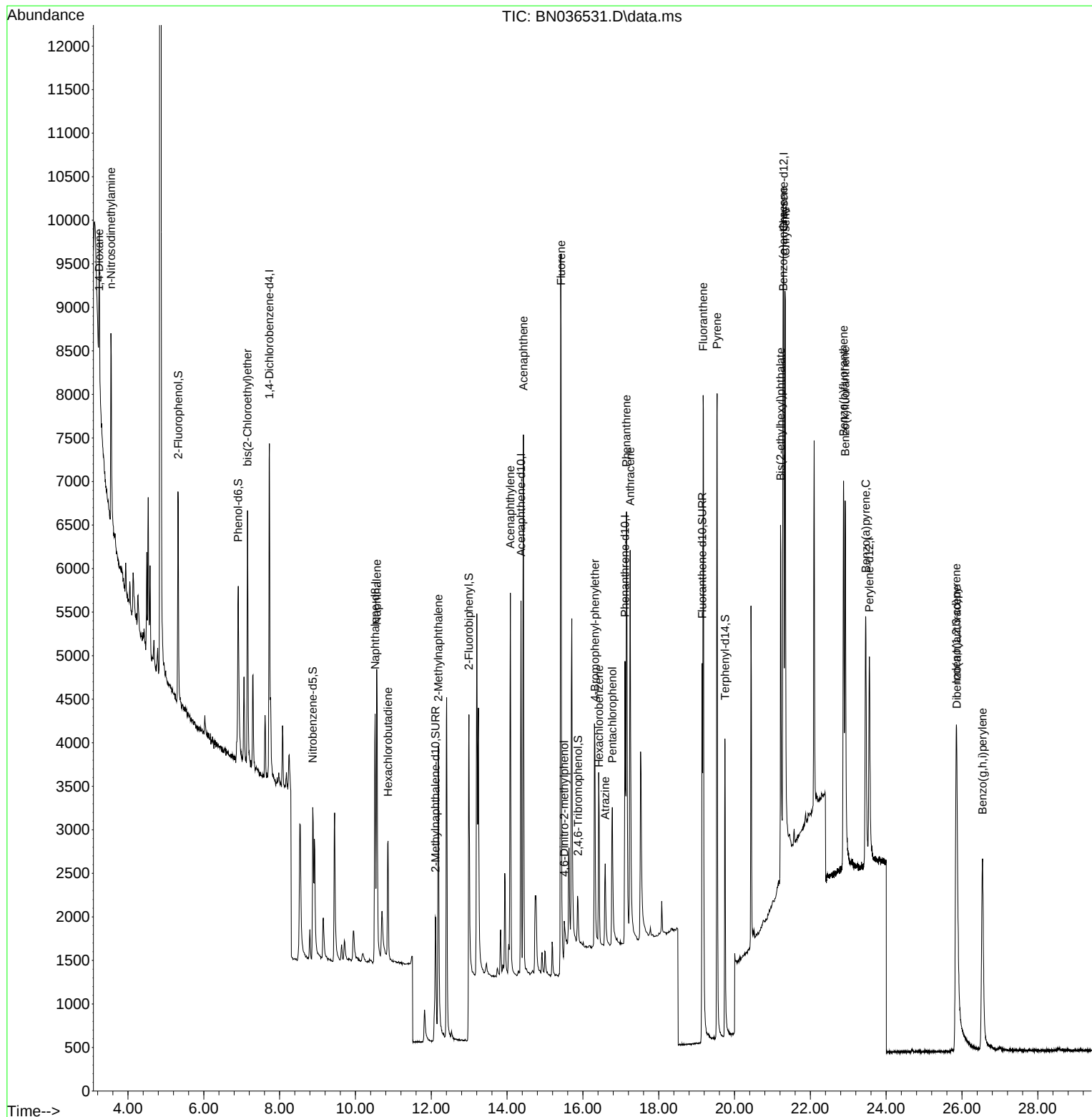
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
 Data File : BN036531.D
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 Sample : PB166992BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

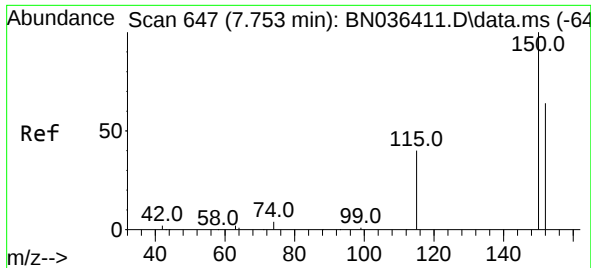
Instrument :
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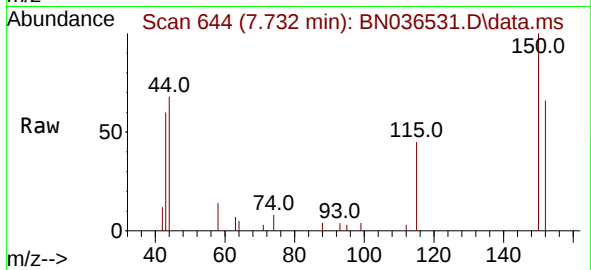
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 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.732 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN036531.D
 Acq: 05 Mar 2025 19:18

Instrument :

BNA_N

ClientSampleId :

PB166992BSD

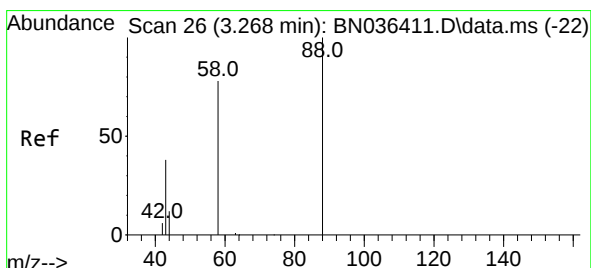
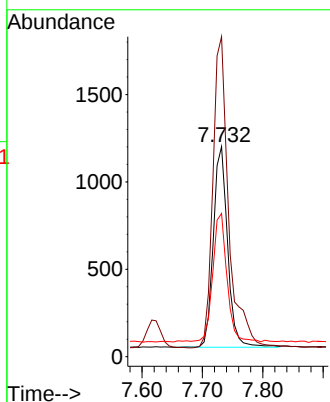
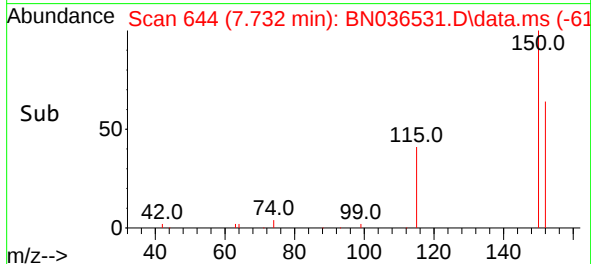


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 Ion Ratio Lower Upper
 152 100
 150 152.3 123.7 185.5
 115 68.1 52.5 78.7

Manual Integrations

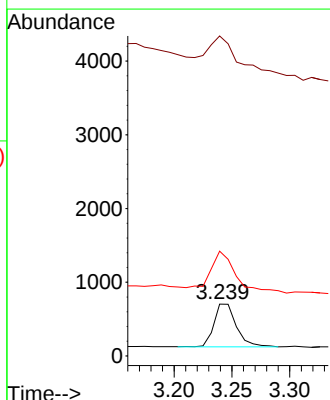
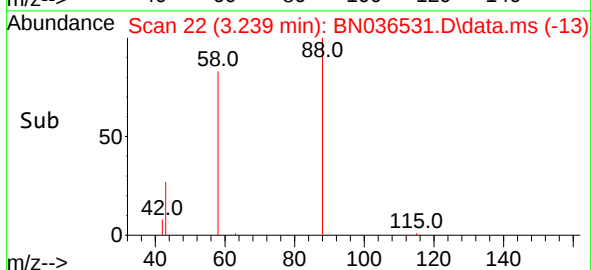
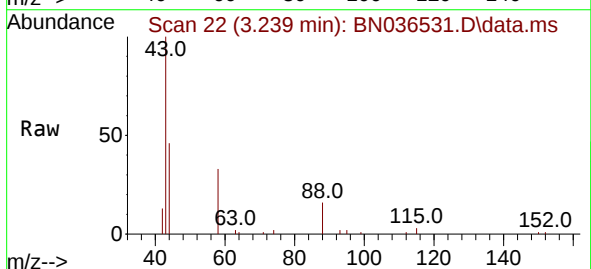
APPROVED

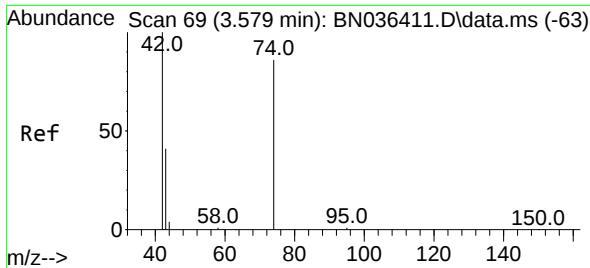
Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025



#2
 1,4-Dioxane
 Concen: 0.376 ng
 RT: 3.239 min Scan# 22
 Delta R.T. -0.007 min
 Lab File: BN036531.D
 Acq: 05 Mar 2025 19:18

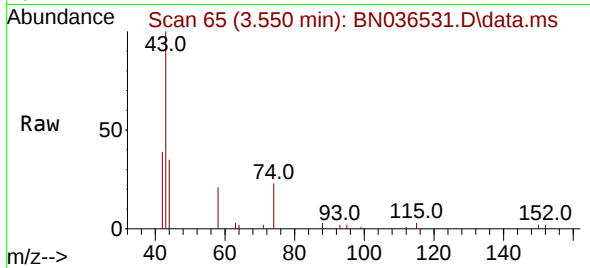
Tgt Ion: 88 Resp: 775
 Ion Ratio Lower Upper
 88 100
 43 110.6 33.7 50.5#
 58 94.6 68.9 103.3





#3
n-Nitrosodimethylamine
Concen: 0.455 ng
RT: 3.550 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

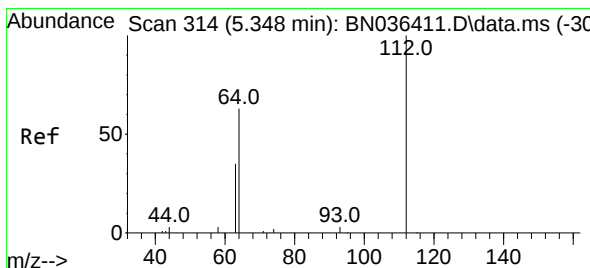
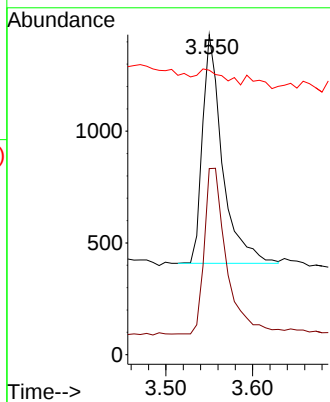
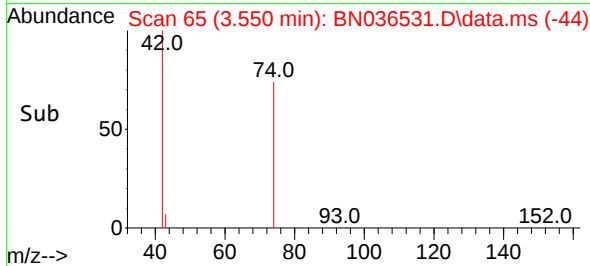
Instrument :
BNA_N
ClientSampleId :
PB166992BSD



Tgt Ion: 42 Resp: 1630
Ion Ratio Lower Upper
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74 81.1 71.8 107.6
44 8.5 7.8 11.6

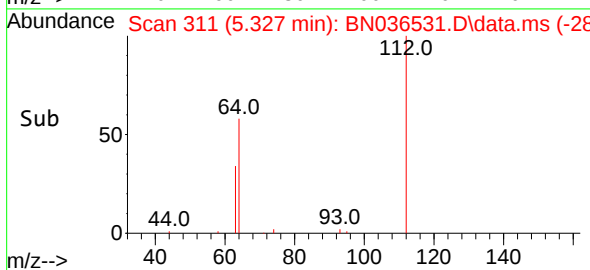
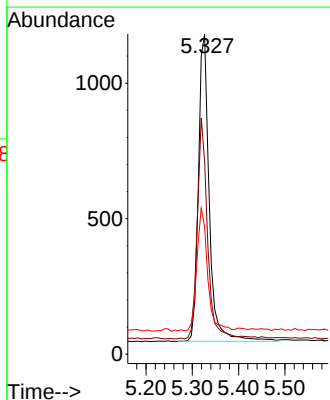
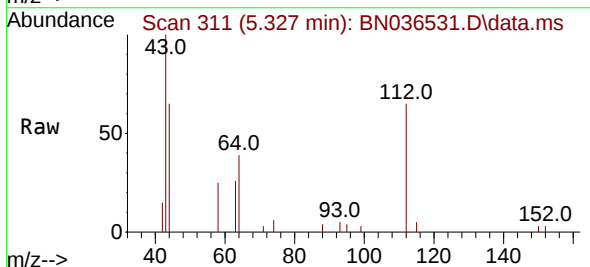
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#4
2-Fluorophenol
Concen: 0.417 ng
RT: 5.327 min Scan# 311
Delta R.T. 0.007 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

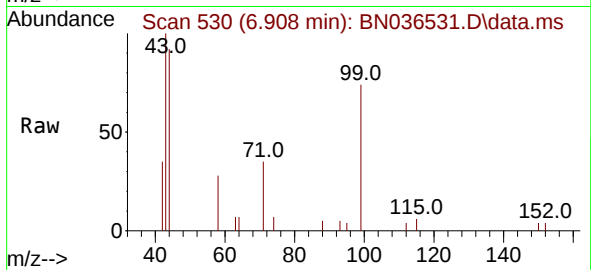
Tgt Ion:112 Resp: 1860
Ion Ratio Lower Upper
112 100
64 68.5 53.4 80.0
63 39.3 30.3 45.5





#5
Phenol-d6
Concen: 0.398 ng
RT: 6.908 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

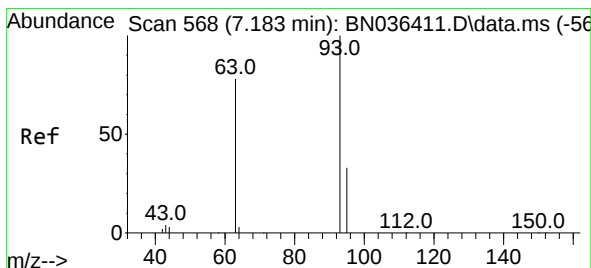
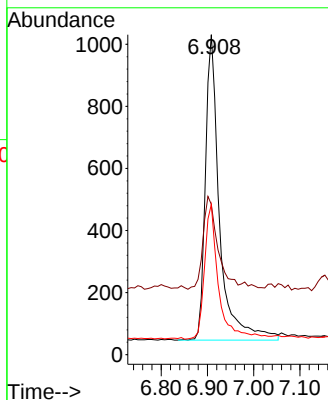
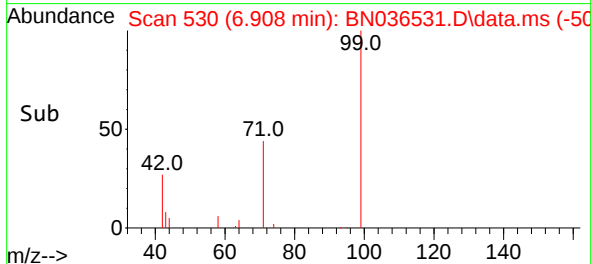
Instrument :
BNA_N
ClientSampleId :
PB166992BSD



Tgt Ion: 99 Resp: 2080
Ion Ratio Lower Upper
99 100
42 31.8 21.7 32.5
71 43.9 32.6 49.0

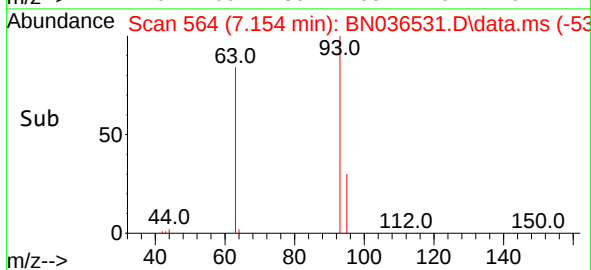
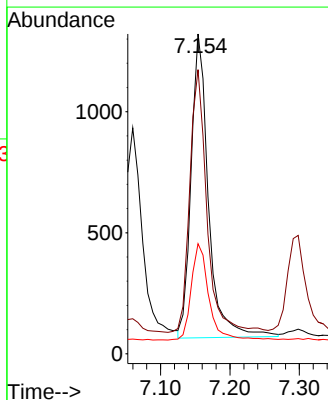
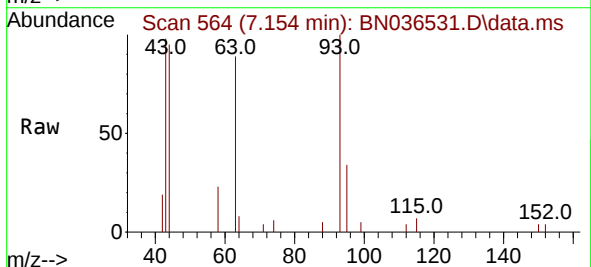
Manual Integrations
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#6
bis(2-Chloroethyl)ether
Concen: 0.399 ng
RT: 7.154 min Scan# 564
Delta R.T. 0.000 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

Tgt Ion: 93 Resp: 2180
Ion Ratio Lower Upper
93 100
63 85.4 66.3 99.5
95 31.7 26.2 39.4





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 911
Delta R.T. 0.011 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

Instrument :

BNA_N

ClientSampleId :

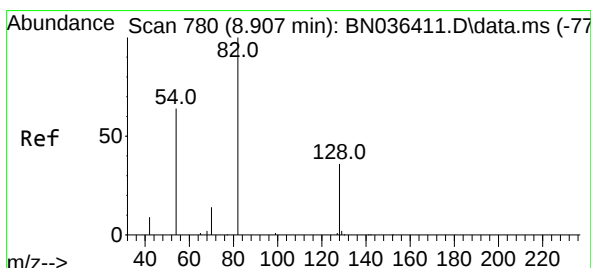
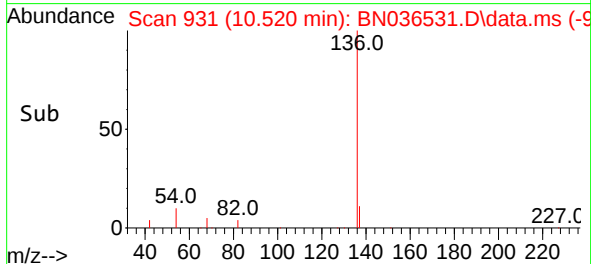
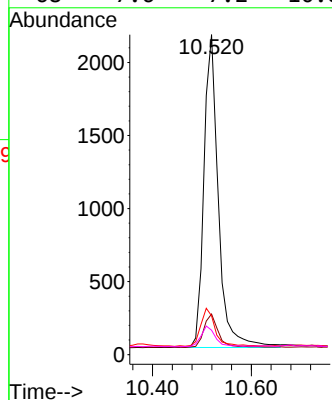
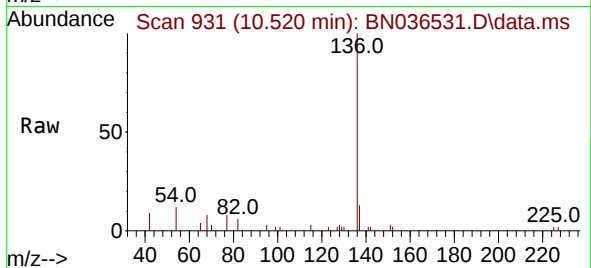
PB166992BSD

Tgt Ion:136 Resp: 434
Ion Ratio Lower Upper
136 100
137 12.7 10.1 15.1
54 12.1 11.8 17.6
68 7.6 7.2 10.8

Manual Integrations

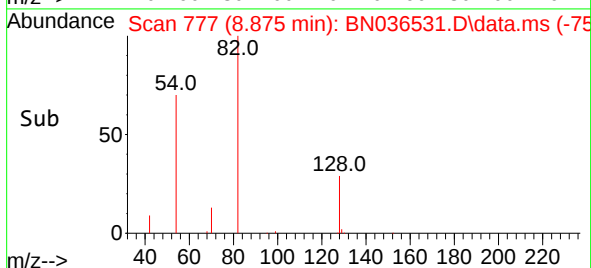
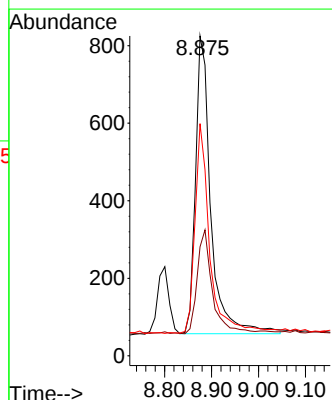
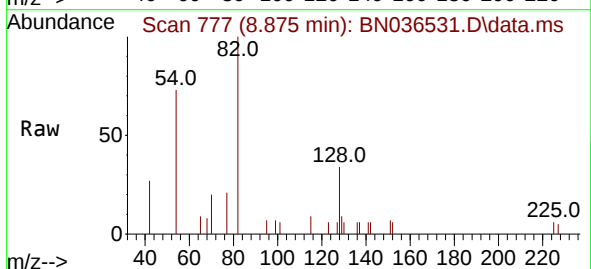
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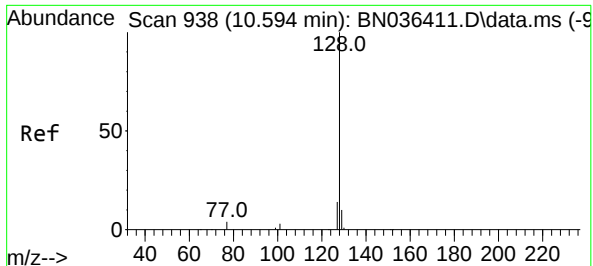
Reviewed By :Anahy Claudio 03/06/2025
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#8
Nitrobenzene-d5
Concen: 0.407 ng
RT: 8.875 min Scan# 777
Delta R.T. 0.000 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

Tgt Ion: 82 Resp: 1742
Ion Ratio Lower Upper
82 100
128 34.1 31.9 47.9
54 72.6 53.1 79.7





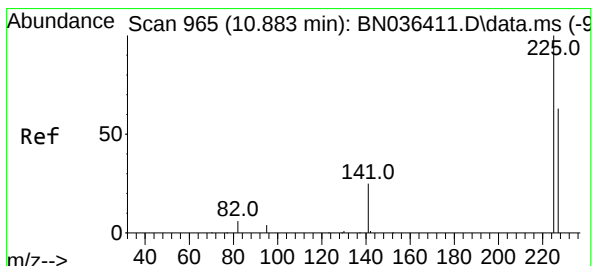
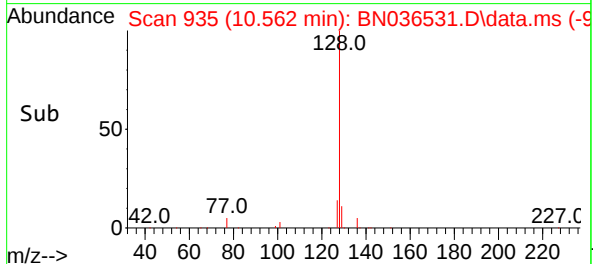
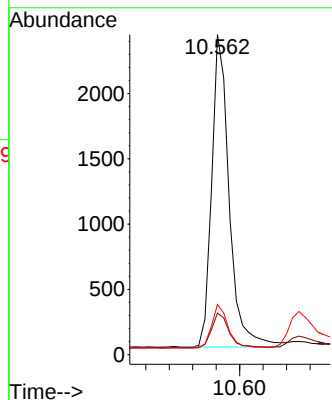
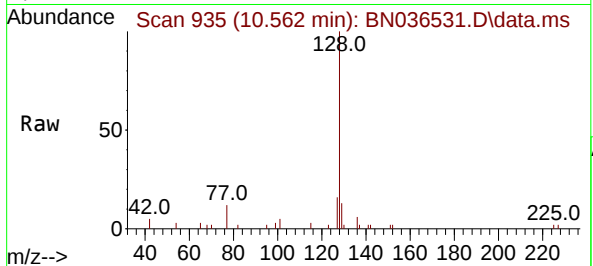
#9
Naphthalene
Concen: 0.394 ng
RT: 10.562 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

Instrument :
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ClientSampleId :
PB166992BSD

Tgt Ion:128 Resp: 493
Ion Ratio Lower Upper
128 100
129 13.0 9.6 14.4
127 15.7 12.0 18.0

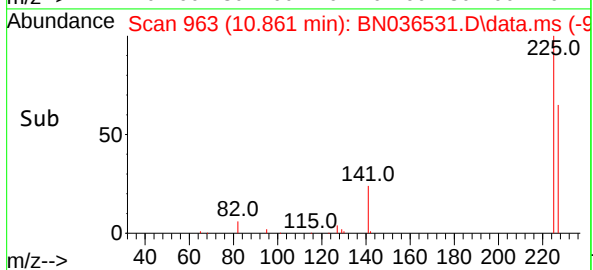
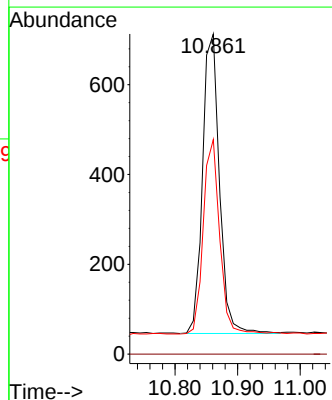
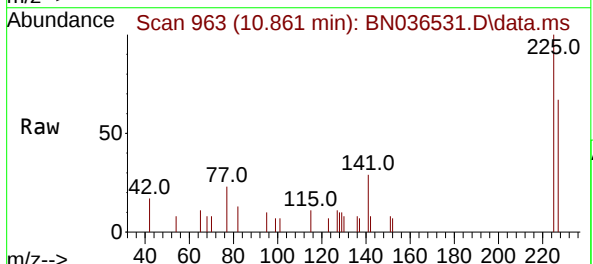
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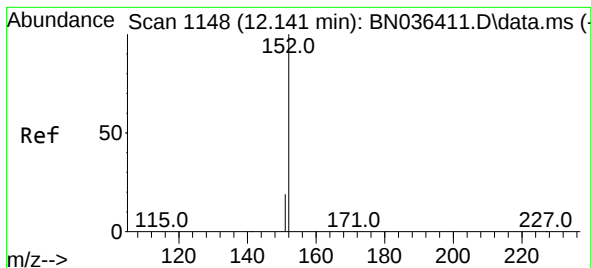
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#10
Hexachlorobutadiene
Concen: 0.410 ng
RT: 10.861 min Scan# 963
Delta R.T. 0.011 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

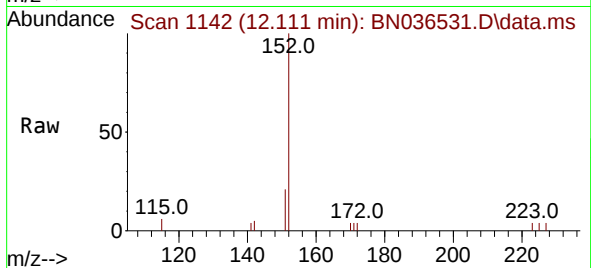
Tgt Ion:225 Resp: 1251
Ion Ratio Lower Upper
225 100
223 0.0 0.0 0.0
227 63.1 50.9 76.3





#11
2-Methylnaphthalene-d10
Concen: 0.495 ng
RT: 12.111 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

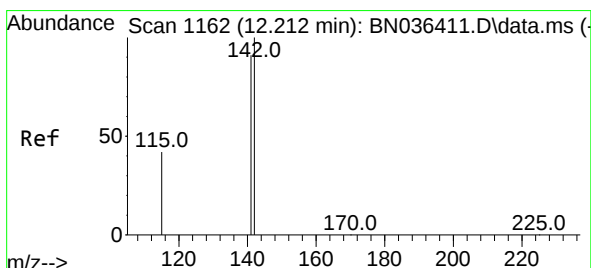
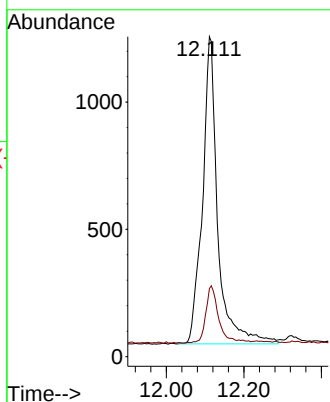
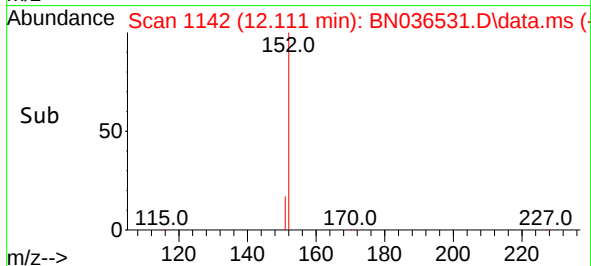
Instrument :
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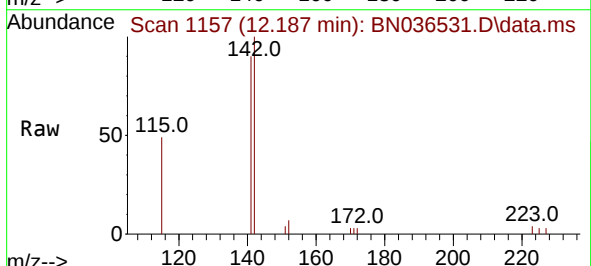
Tgt Ion:152 Resp: 3300
Ion Ratio Lower Upper
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151 15.1 16.6 25.0

Manual Integrations
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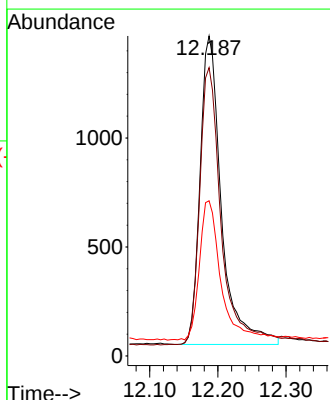
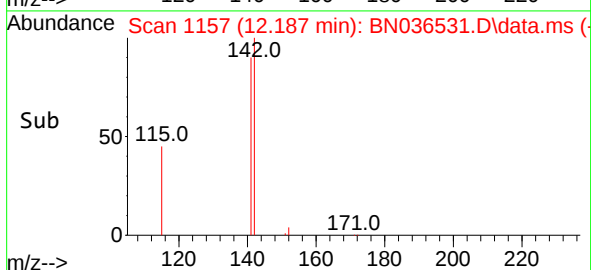
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

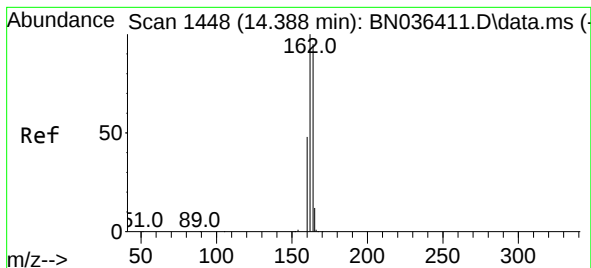


#12
2-Methylnaphthalene
Concen: 0.376 ng
RT: 12.187 min Scan# 1157
Delta R.T. 0.005 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18



Tgt Ion:142 Resp: 3089
Ion Ratio Lower Upper
142 100
141 90.1 72.8 109.2
115 48.5 35.5 53.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.366 min Scan# 1446

Delta R.T. 0.000 min

Lab File: BN036531.D

Acq: 05 Mar 2025 19:18

Instrument :

BNA_N

ClientSampleId :

PB166992BSD

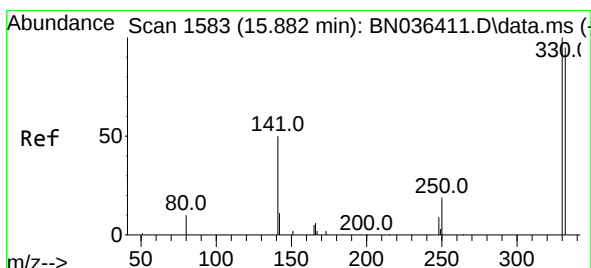
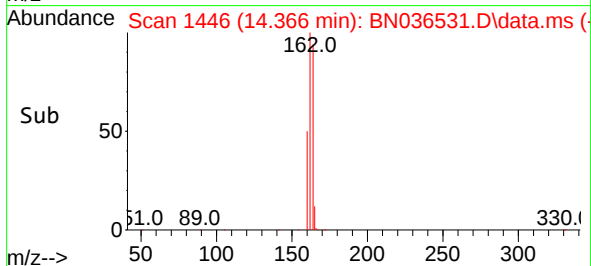
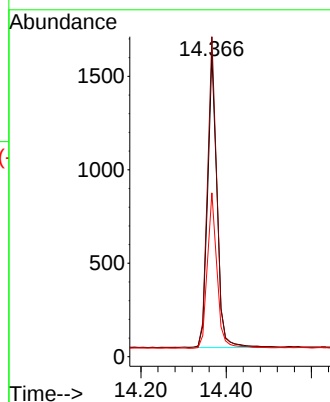
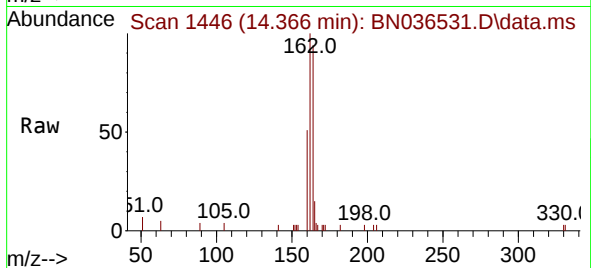
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Ion Ratio	Lower	Upper
164	100	
162	106.0	84.1 126.1
160	54.3	41.4 62.0

Manual Integrations

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#14

2,4,6-Tribromophenol

Concen: 0.339 ng

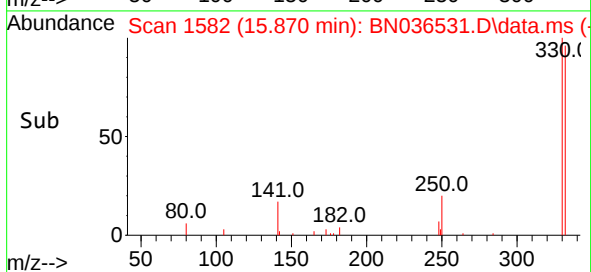
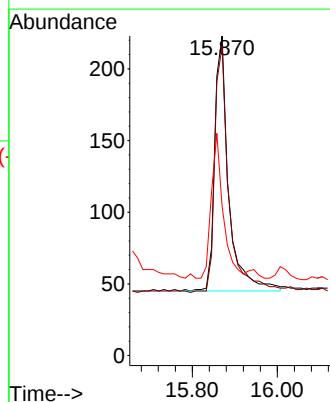
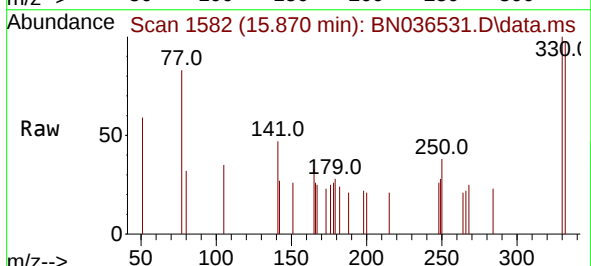
RT: 15.870 min Scan# 1582

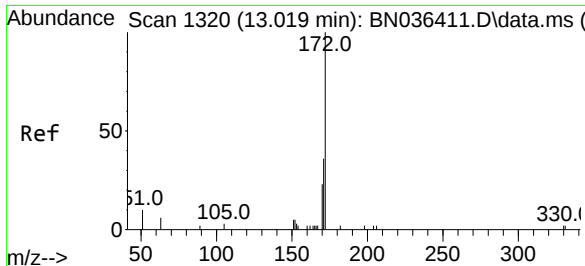
Delta R.T. 0.012 min

Lab File: BN036531.D

Acq: 05 Mar 2025 19:18

Tgt Ion:330	Resp:	407
Ion Ratio	Lower	Upper
330	100	
332	98.3	76.6 114.8
141	48.4	37.8 56.8





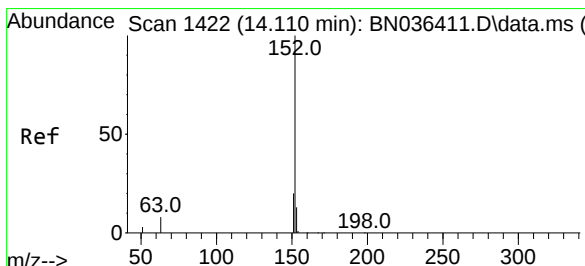
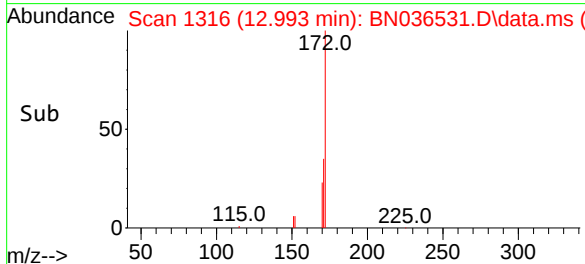
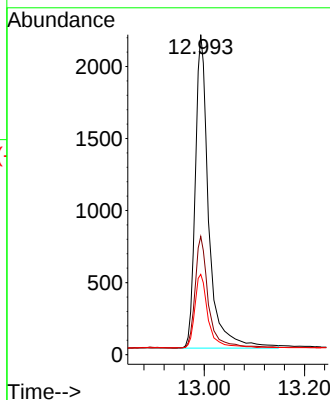
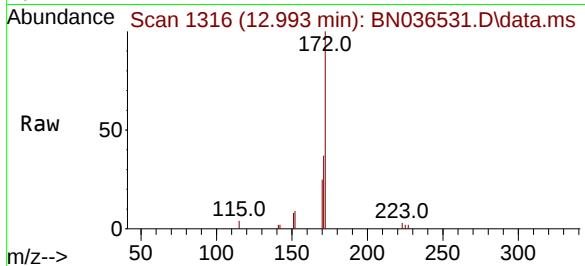
#15
2-Fluorobiphenyl
Concen: 0.618 ng
RT: 12.993 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

Instrument :
BNA_N
ClientSampleId :
PB166992BSD

Tgt Ion:172 Resp: 563
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 25.1 19.8 29.6

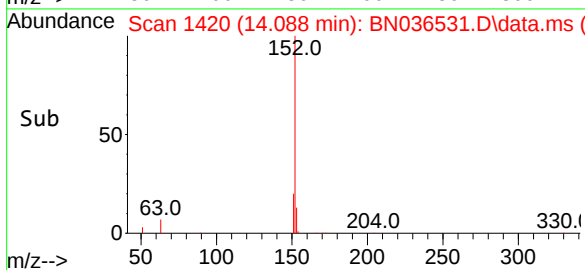
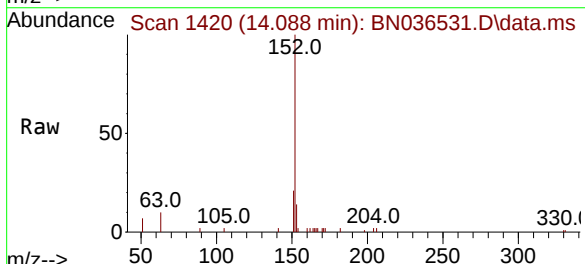
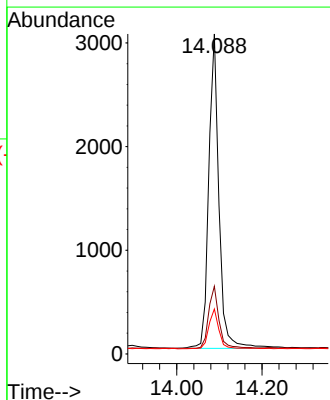
Manual Integrations
APPROVED

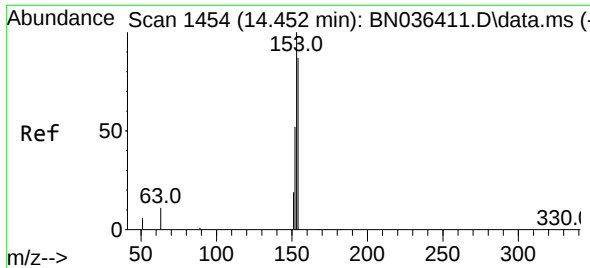
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#16
Acenaphthylene
Concen: 0.471 ng
RT: 14.088 min Scan# 1420
Delta R.T. 0.011 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

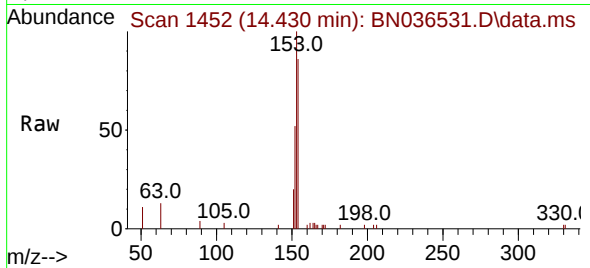
Tgt Ion:152 Resp: 5041
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 12.7 10.2 15.2





#17
Acenaphthene
Concen: 0.443 ng
RT: 14.430 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

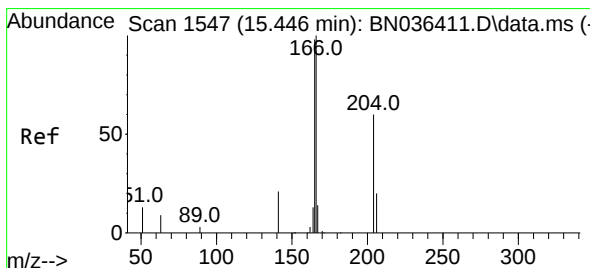
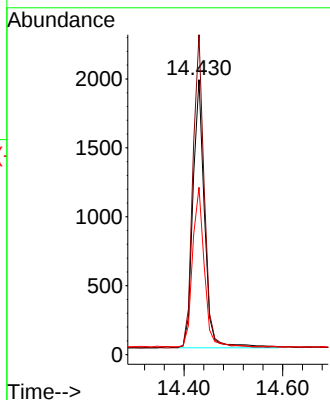
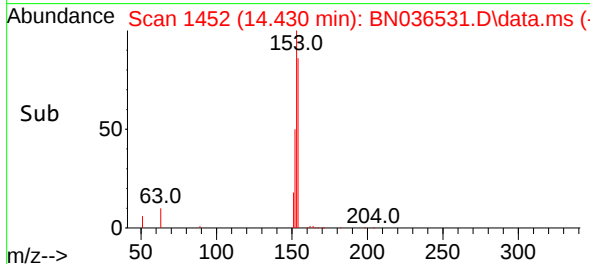
Instrument :
BNA_N
ClientSampleId :
PB166992BSD



Tgt Ion:154 Resp: 316
Ion Ratio Lower Upper
154 100
153 115.1 93.3 139.9
152 59.6 48.8 73.2

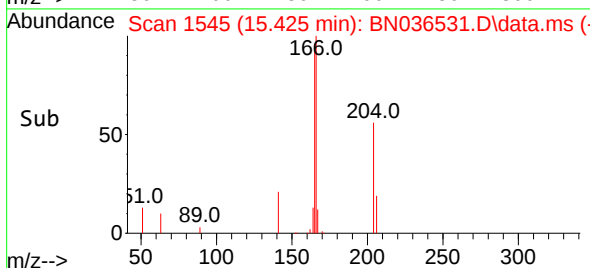
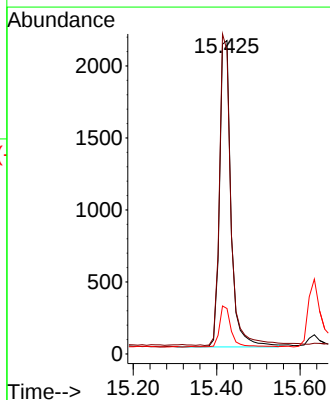
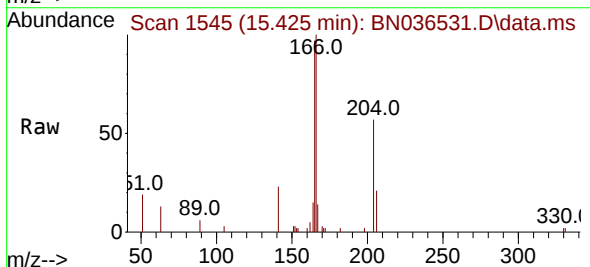
Manual Integrations
APPROVED

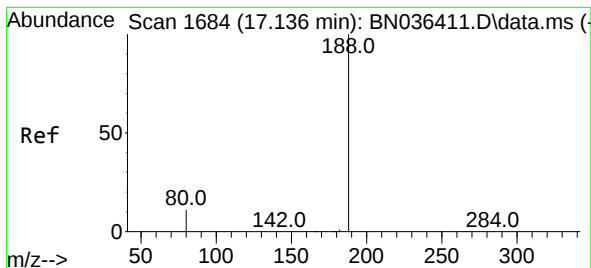
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#18
Fluorene
Concen: 0.404 ng
RT: 15.425 min Scan# 1545
Delta R.T. 0.011 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

Tgt Ion:166 Resp: 4113
Ion Ratio Lower Upper
166 100
165 102.2 79.5 119.3
167 13.4 10.4 15.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.111 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036531.D

Acq: 05 Mar 2025 19:18

Instrument :

BNA_N

ClientSampleId :

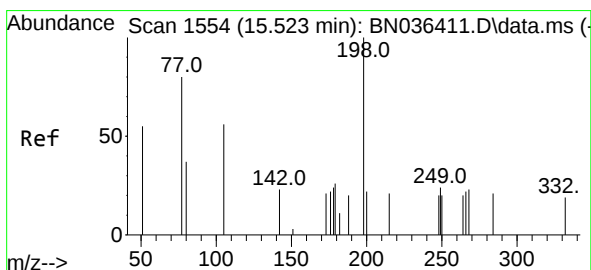
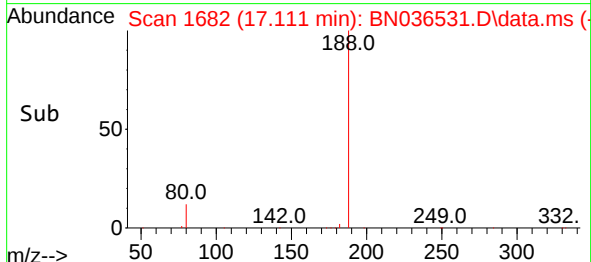
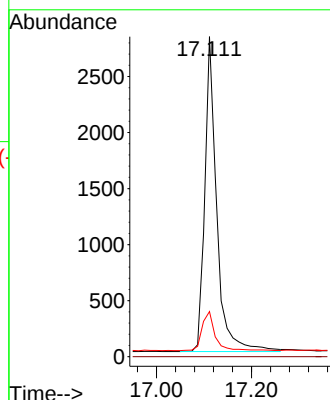
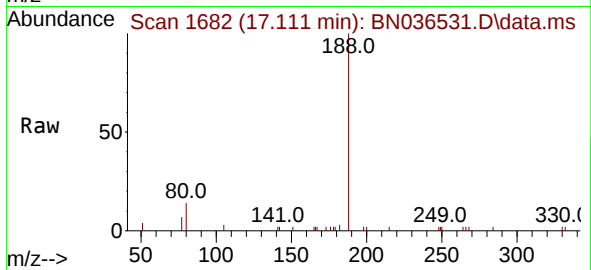
PB166992BSD

Tgt Ion:188 Resp: 4930
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 14.1 9.8 14.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025



#20

4,6-Dinitro-2-methylphenol

Concen: 0.278 ng

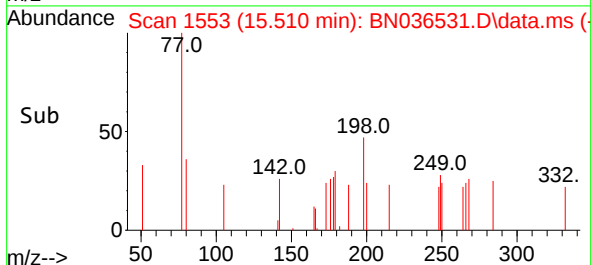
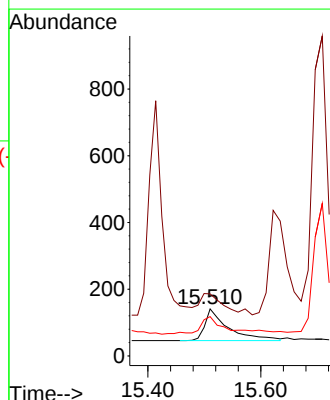
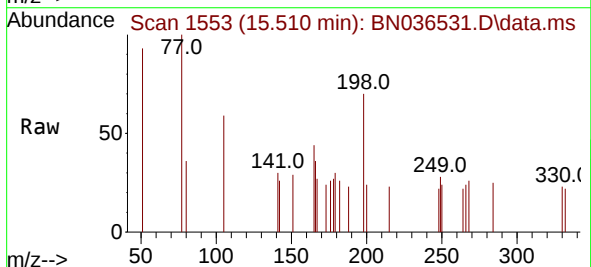
RT: 15.510 min Scan# 1553

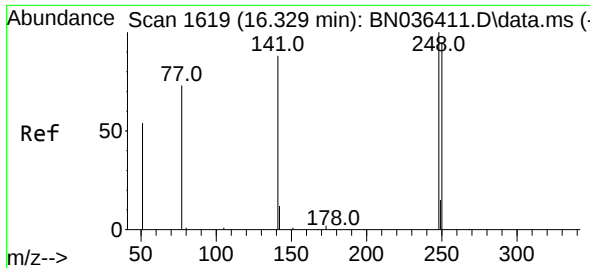
Delta R.T. 0.011 min

Lab File: BN036531.D

Acq: 05 Mar 2025 19:18

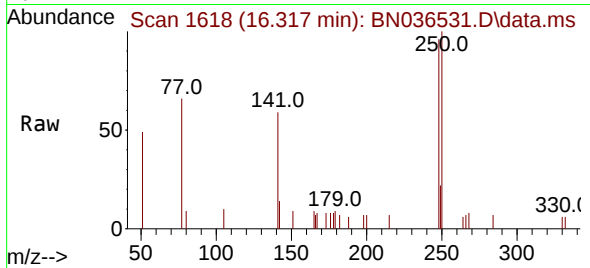
Tgt Ion:198 Resp: 269
 Ion Ratio Lower Upper
 198 100
 51 131.9 86.6 129.8#
 105 83.7 57.5 86.3





#21
4-Bromophenyl-phenylether
Concen: 0.419 ng
RT: 16.317 min Scan# 1618
Delta R.T. 0.012 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

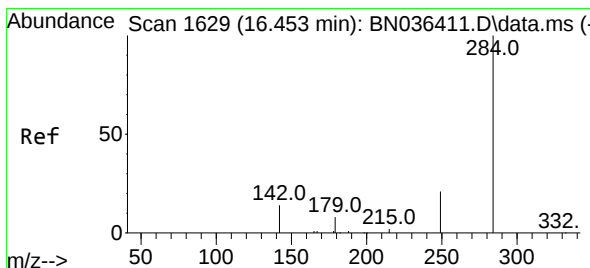
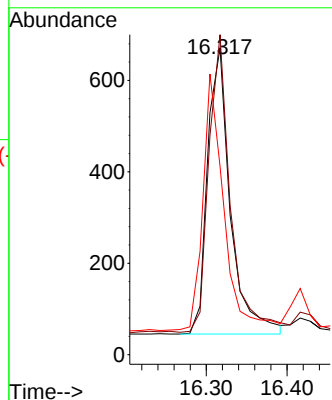
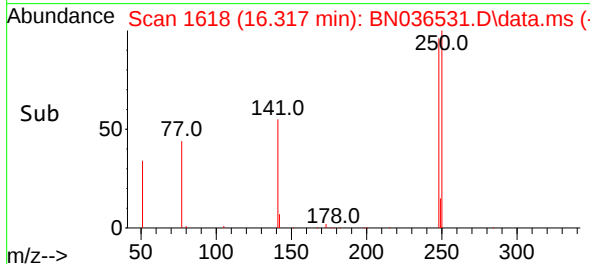
Instrument :
BNA_N
ClientSampleId :
PB166992BSD



Tgt Ion:248 Resp: 123
Ion Ratio Lower Upper
248 100
250 104.3 76.1 114.1
141 61.4 71.7 107.5

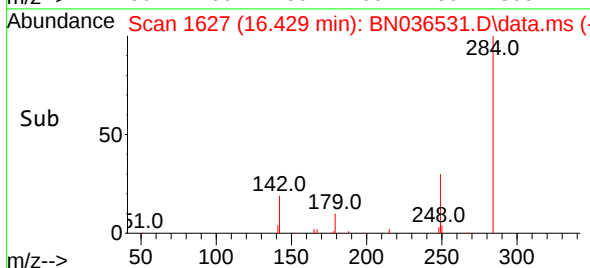
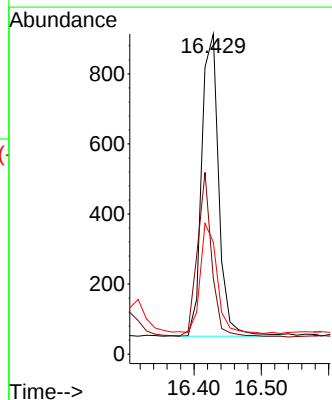
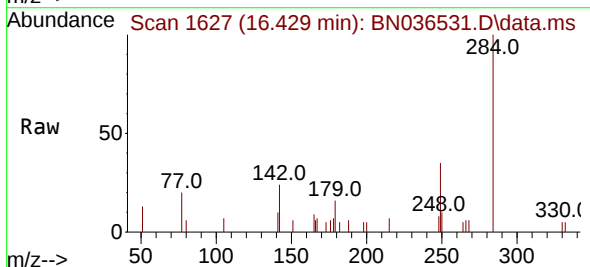
Manual Integrations
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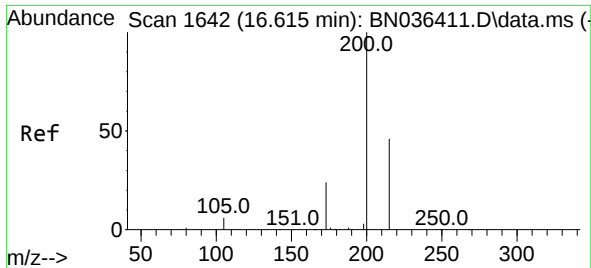
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#22
Hexachlorobenzene
Concen: 0.419 ng
RT: 16.429 min Scan# 1627
Delta R.T. 0.012 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

Tgt Ion:284 Resp: 1525
Ion Ratio Lower Upper
284 100
142 46.0 33.4 50.0
249 35.9 28.6 43.0





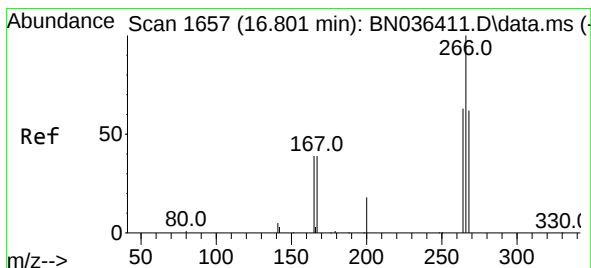
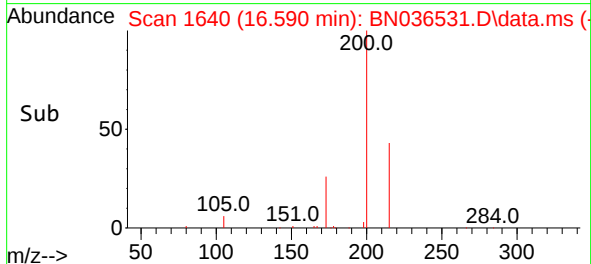
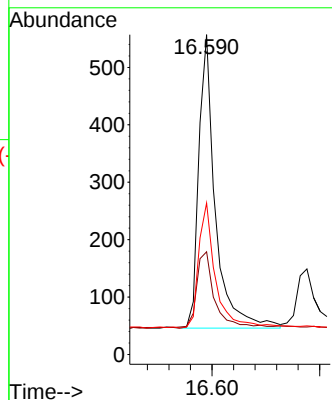
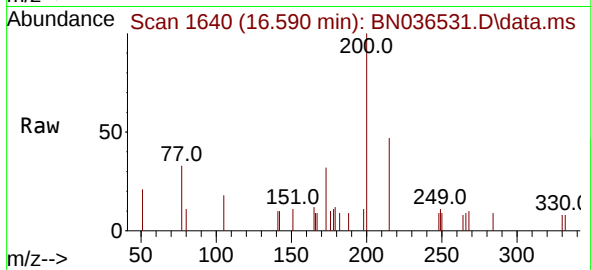
#23
Atrazine
Concen: 0.442 ng
RT: 16.590 min Scan# 1640
Delta R.T. 0.012 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

Instrument :
BNA_N
ClientSampleId :
PB166992BSD

Tgt Ion:200 Resp: 108
Ion Ratio Lower Upper
200 100
173 32.1 23.2 34.8
215 47.4 40.0 60.0

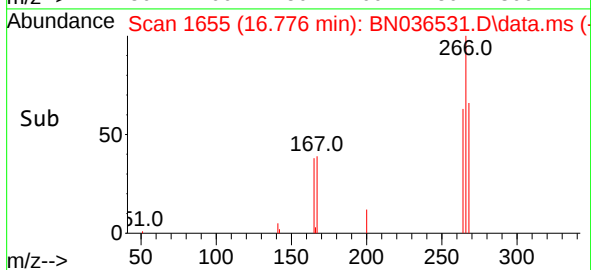
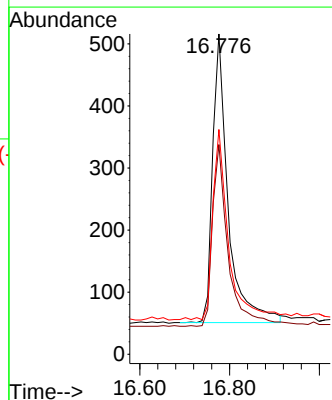
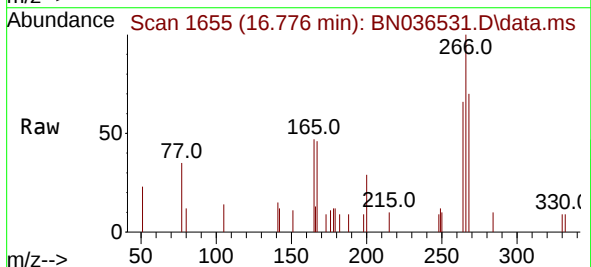
Manual Integrations
APPROVED

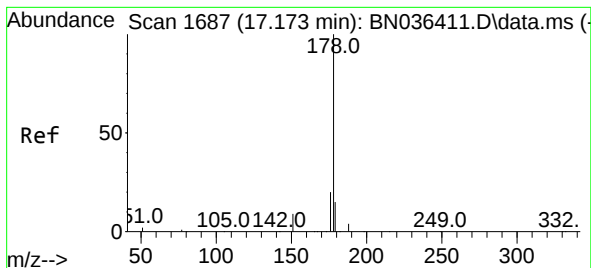
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#24
Pentachlorophenol
Concen: 0.645 ng
RT: 16.776 min Scan# 1655
Delta R.T. 0.012 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

Tgt Ion:266 Resp: 1113
Ion Ratio Lower Upper
266 100
264 63.2 50.6 76.0
268 66.8 51.9 77.9





#25

Phenanthrene

Concen: 0.444 ng

RT: 17.149 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BN036531.D

Acq: 05 Mar 2025 19:18

Instrument :

BNA_N

ClientSampleId :

PB166992BSD

Tgt Ion:178 Resp: 6334

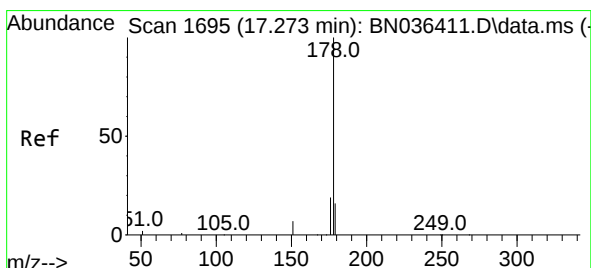
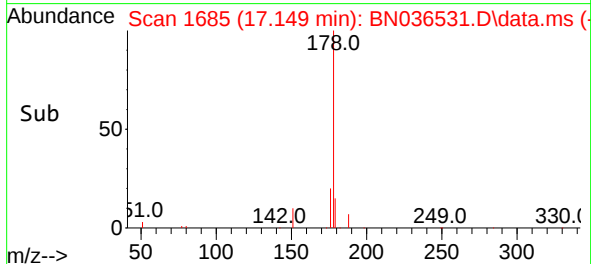
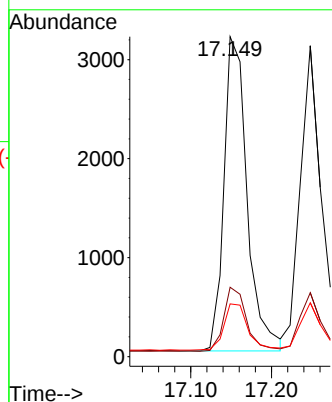
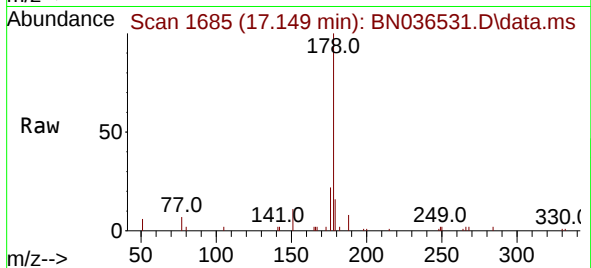
Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.6	12.4	18.6

Manual Integrations

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Reviewed By :Anahy Claudio 03/06/2025

Supervised By :Jagrut Upadhyay 03/06/2025



#26

Anthracene

Concen: 0.477 ng

RT: 17.248 min Scan# 1693

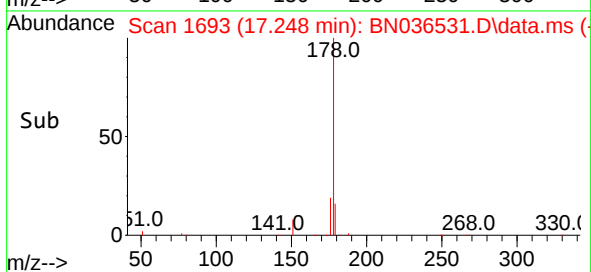
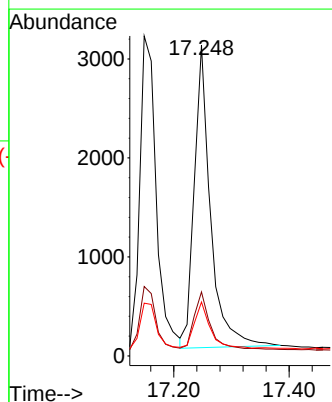
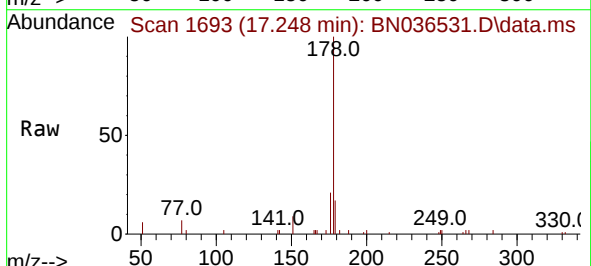
Delta R.T. 0.012 min

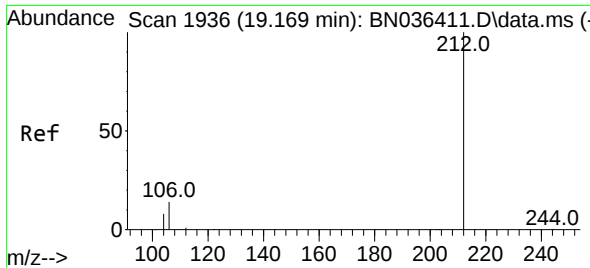
Lab File: BN036531.D

Acq: 05 Mar 2025 19:18

Tgt Ion:178 Resp: 6001

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.9	22.3
179	15.4	12.4	18.6





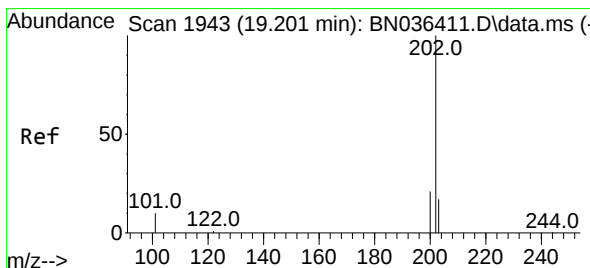
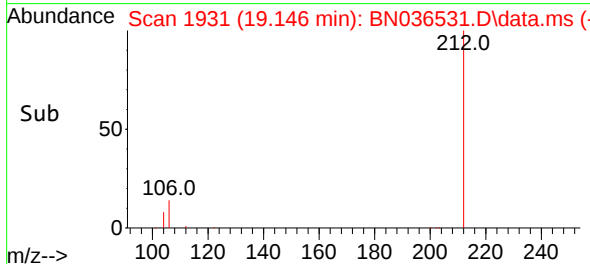
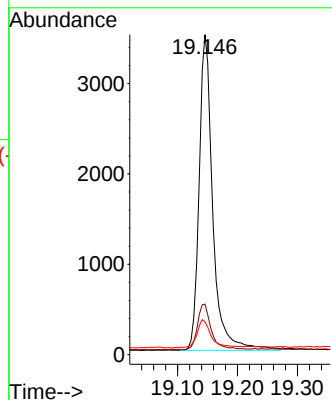
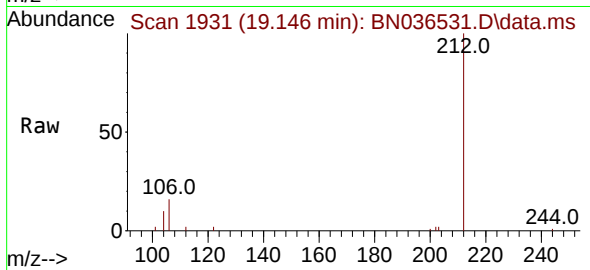
#27
Fluoranthene-d10
Concen: 0.402 ng
RT: 19.146 min Scan# 1936
Delta R.T. 0.005 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

Instrument :
BNA_N
ClientSampleId :
PB166992BSD

Tgt Ion:212 Resp: 5524
Ion Ratio Lower Upper
212 100
106 14.4 11.5 17.3
104 9.5 7.1 10.7

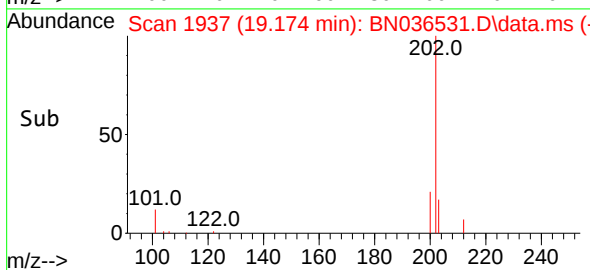
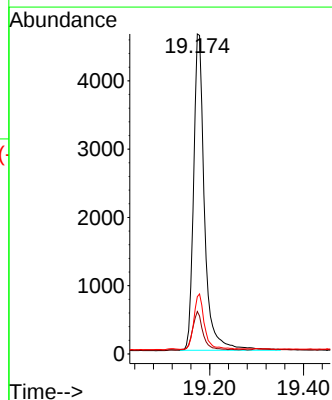
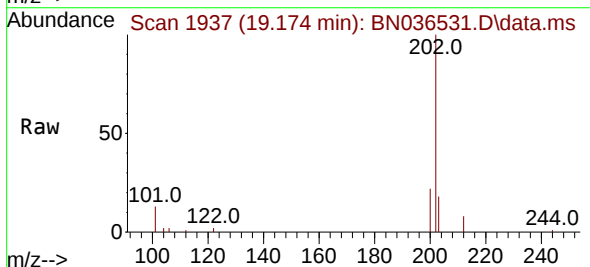
Manual Integrations
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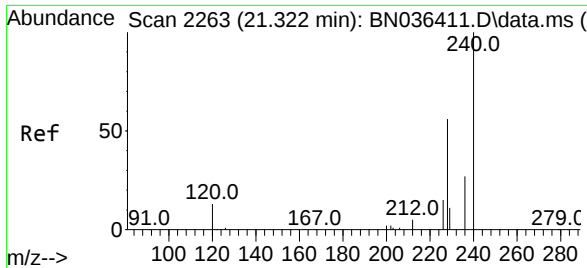
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#28
Fluoranthene
Concen: 0.428 ng
RT: 19.174 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

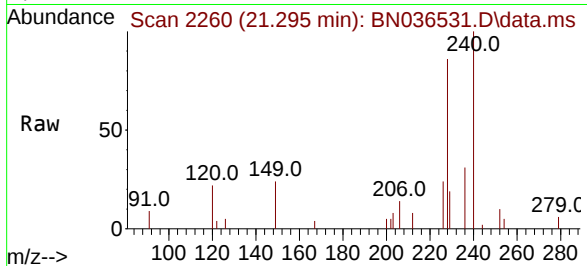
Tgt Ion:202 Resp: 7495
Ion Ratio Lower Upper
202 100
101 11.6 9.2 13.8
203 17.3 13.4 20.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

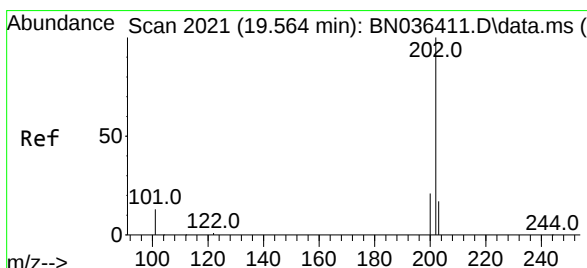
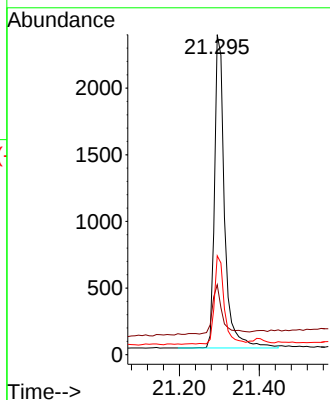
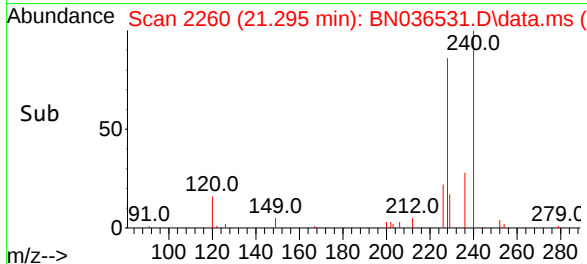
Instrument :
BNA_N
ClientSampleId :
PB166992BSD



Tgt Ion:240 Resp: 410
Ion Ratio Lower Upper
240 100
120 21.9 13.3 19.9
236 30.9 23.0 34.6

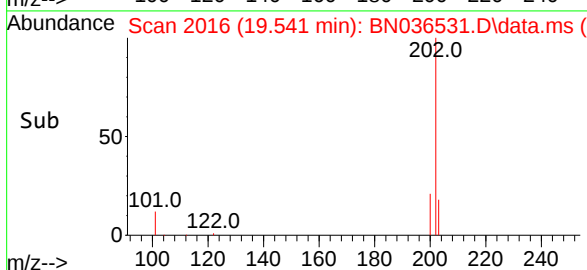
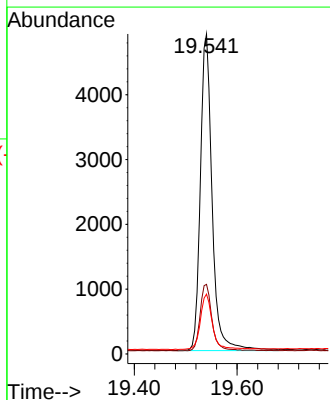
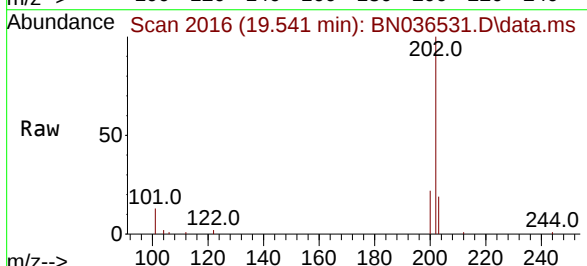
Manual Integrations
APPROVED

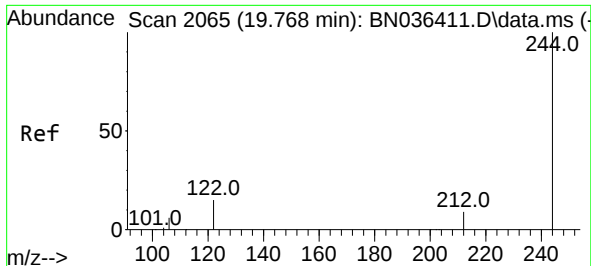
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#30
Pyrene
Concen: 0.491 ng
RT: 19.541 min Scan# 2016
Delta R.T. 0.005 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

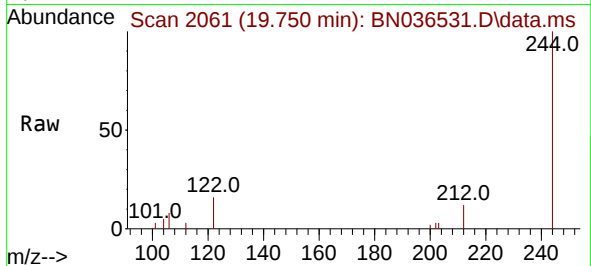
Tgt Ion:202 Resp: 7760
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.9 13.9 20.9





#31
 Terphenyl-d14
 Concen: 0.462 ng
 RT: 19.750 min Scan# 2065
 Delta R.T. 0.005 min
 Lab File: BN036531.D
 Acq: 05 Mar 2025 19:18

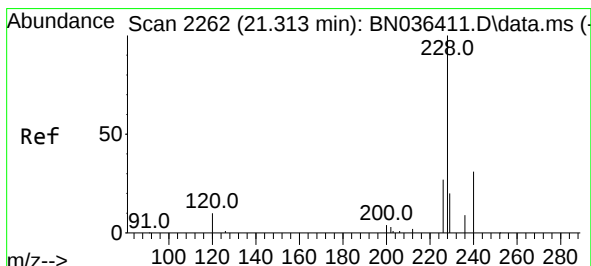
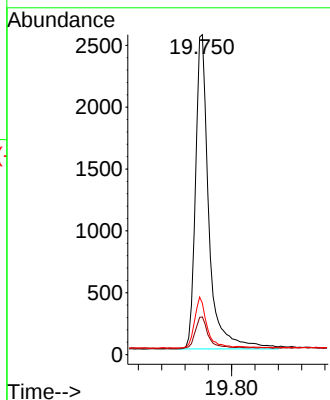
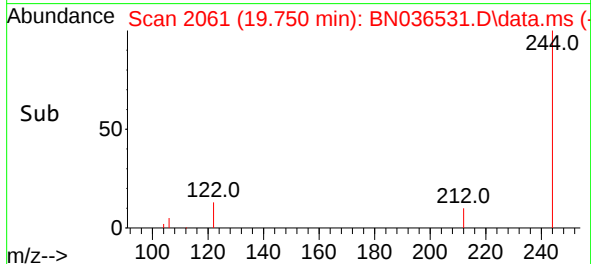
Instrument :
 BNA_N
 ClientSampleId :
 PB166992BSD



Tgt Ion:244 Resp: 404
 Ion Ratio Lower Upper
 244 100
 212 11.8 8.1 12.1
 122 16.1 12.8 19.2

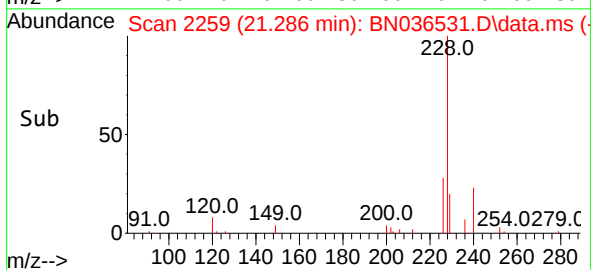
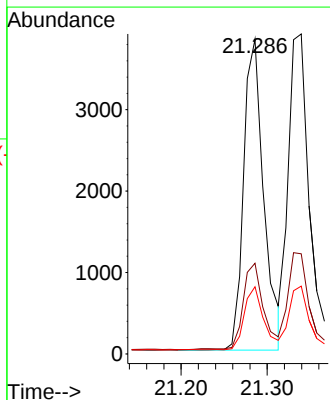
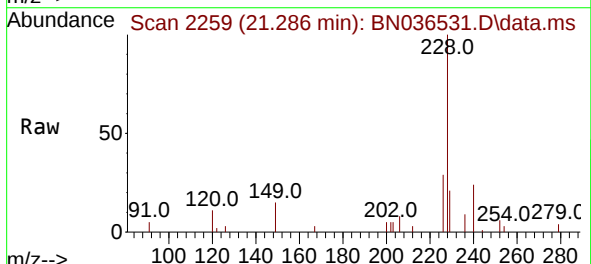
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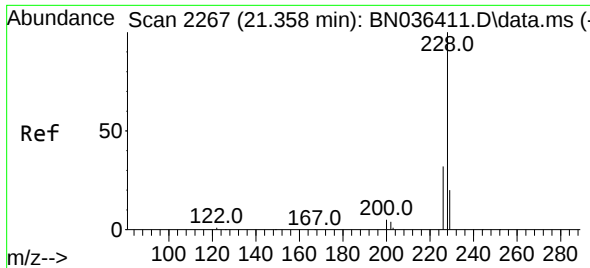
Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025



#32
 Benzo(a)anthracene
 Concen: 0.459 ng
 RT: 21.286 min Scan# 2259
 Delta R.T. 0.009 min
 Lab File: BN036531.D
 Acq: 05 Mar 2025 19:18

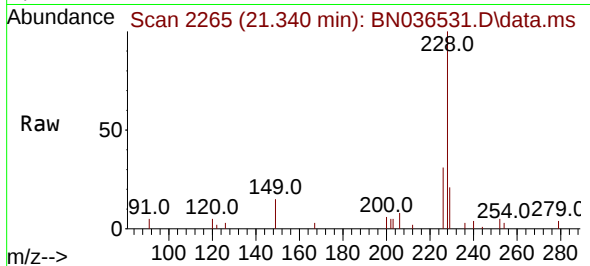
Tgt Ion:228 Resp: 6200
 Ion Ratio Lower Upper
 228 100
 226 28.8 22.2 33.2
 229 21.3 16.5 24.7





#33
Chrysene
Concen: 0.471 ng
RT: 21.340 min Scan# 21340
Delta R.T. 0.009 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

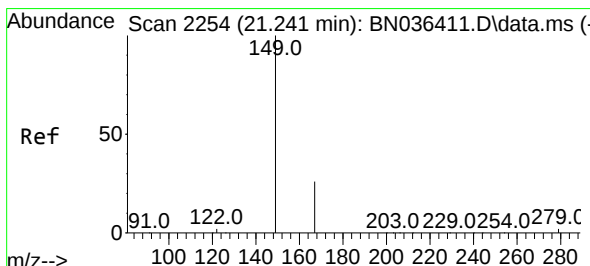
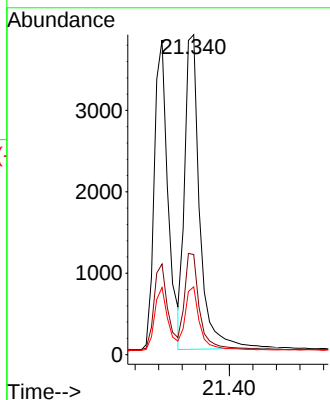
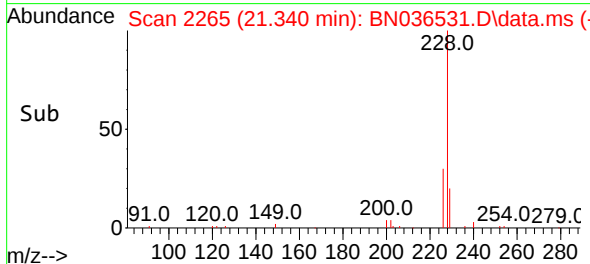
Instrument :
BNA_N
ClientSampleId :
PB166992BSD



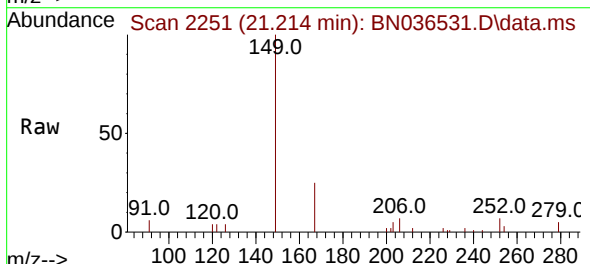
Tgt Ion:228 Resp: 688
Ion Ratio Lower Upper
228 100
226 31.3 25.5 38.3
229 21.2 16.4 24.6

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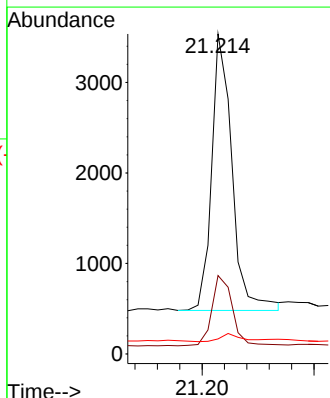
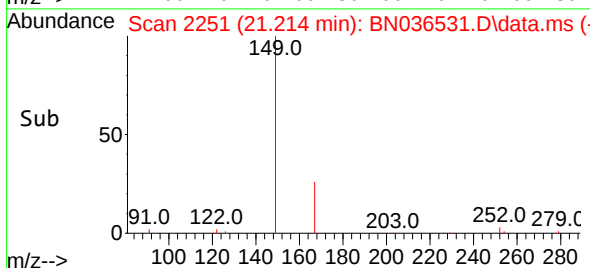
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

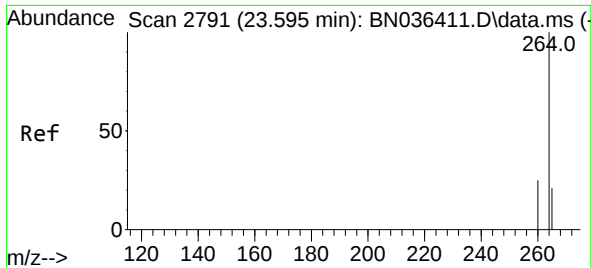


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.458 ng
RT: 21.214 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18



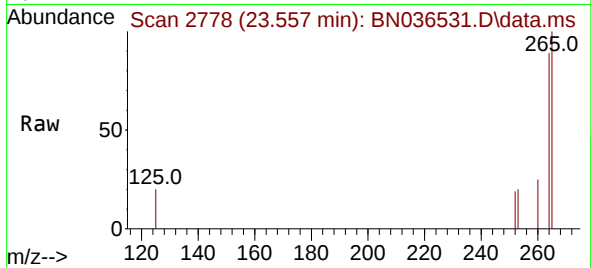
Tgt Ion:149 Resp: 3851
Ion Ratio Lower Upper
149 100
167 25.8 21.2 31.8
279 2.9 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.557 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BN036531.D
 Acq: 05 Mar 2025 19:18

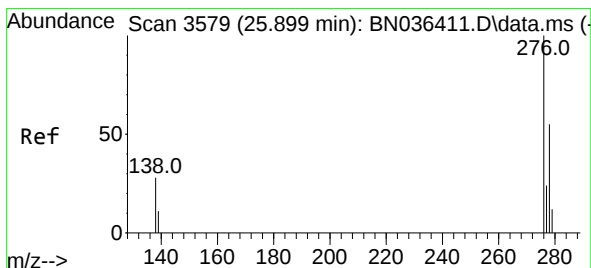
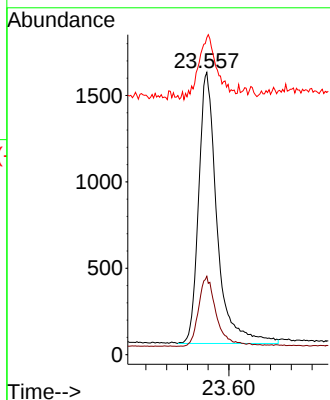
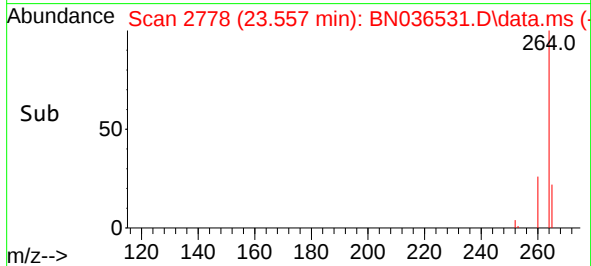
Instrument :
 BNA_N
 ClientSampleId :
 PB166992BSD



Tgt Ion:264 Resp: 385
 Ion Ratio Lower Upper
 264 100
 260 27.7 20.9 31.3
 265 112.4 60.7 91.1

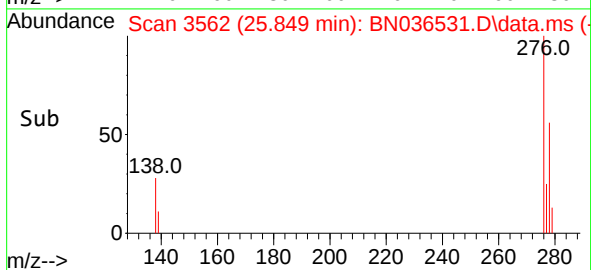
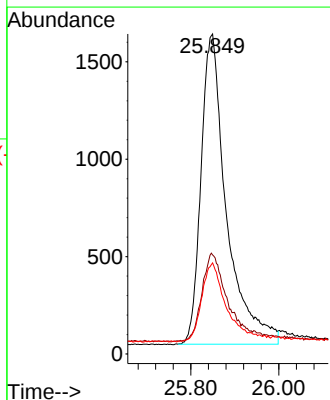
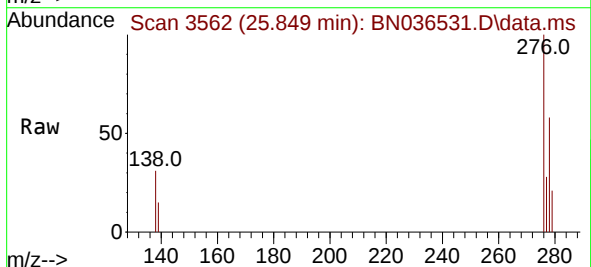
Manual Integrations
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Reviewed By :Anahy Claudio 03/06/2025
 Supervised By :Jagrut Upadhyay 03/06/2025



#36
 Indeno(1,2,3-cd)pyrene
 Concen: 0.477 ng
 RT: 25.849 min Scan# 3562
 Delta R.T. 0.012 min
 Lab File: BN036531.D
 Acq: 05 Mar 2025 19:18

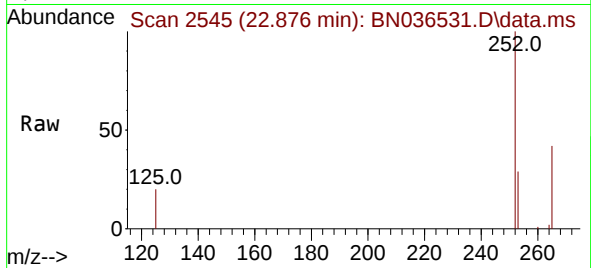
Tgt Ion:276 Resp: 6430
 Ion Ratio Lower Upper
 276 100
 138 28.3 22.2 33.2
 277 24.9 19.8 29.6





#37
Benzo(b)fluoranthene
Concen: 0.440 ng
RT: 22.876 min Scan# 21
Delta R.T. 0.003 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

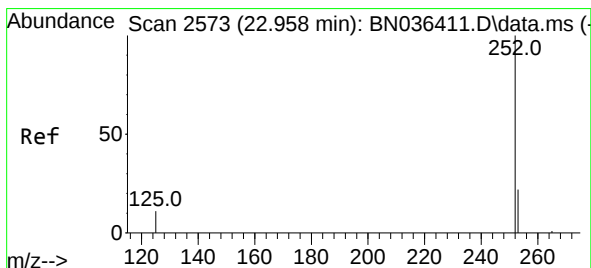
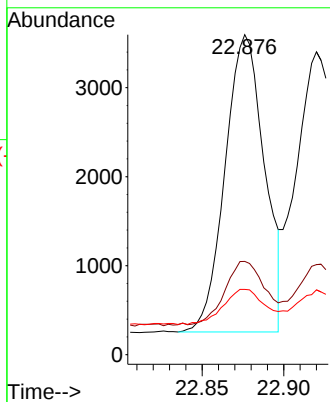
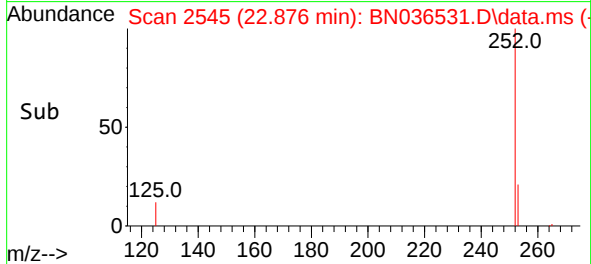
Instrument :
BNA_N
ClientSampleId :
PB166992BSD



Tgt Ion:252 Resp: 558
Ion Ratio Lower Upper
252 100
253 29.1 21.9 32.9
125 20.4 15.0 22.6

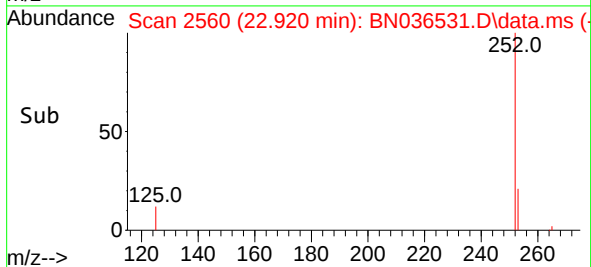
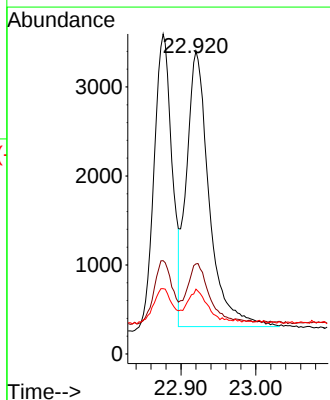
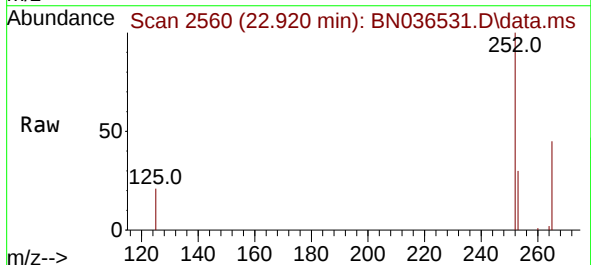
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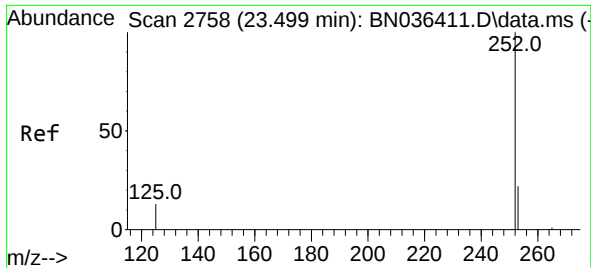
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#38
Benzo(k)fluoranthene
Concen: 0.499 ng m
RT: 22.920 min Scan# 2560
Delta R.T. 0.003 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

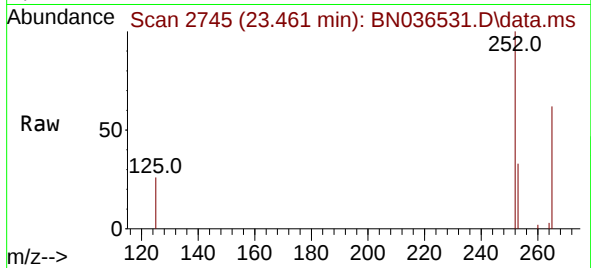
Tgt Ion:252 Resp: 6525
Ion Ratio Lower Upper
252 100
253 29.8 22.2 33.4
125 21.4 15.0 22.4





#39
Benzo(a)pyrene
Concen: 0.487 ng
RT: 23.461 min Scan# 21
Delta R.T. 0.006 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

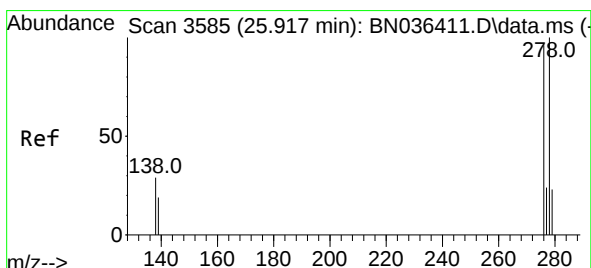
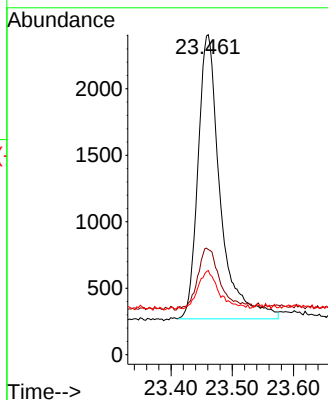
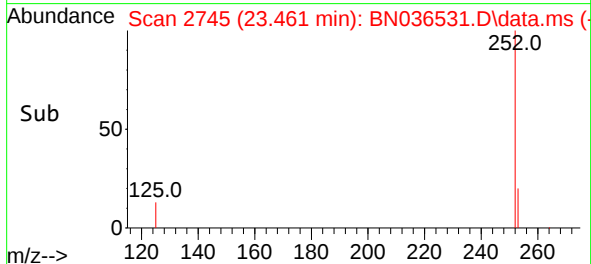
Instrument :
BNA_N
ClientSampleId :
PB166992BSD



Tgt Ion:252 Resp: 539
Ion Ratio Lower Upper
252 100
253 32.9 24.4 36.6
125 26.3 18.2 27.2

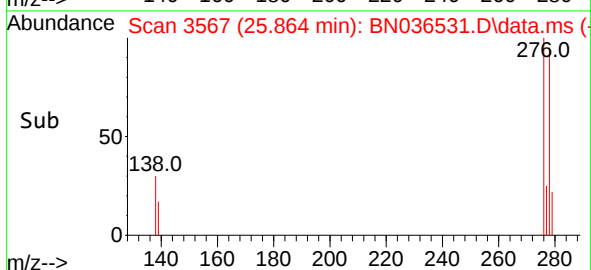
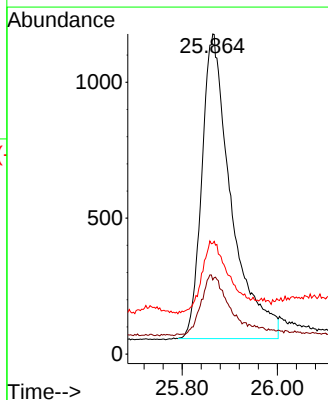
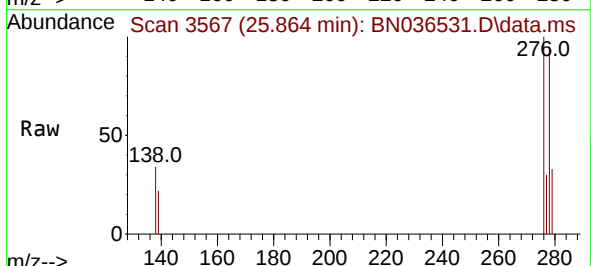
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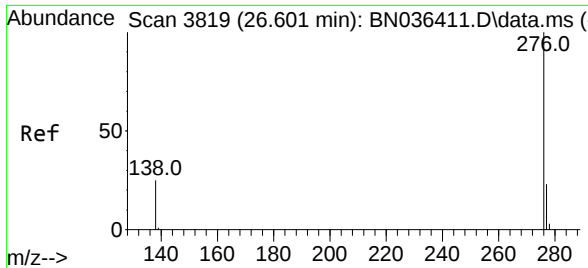
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025



#40
Dibenzo(a,h)anthracene
Concen: 0.449 ng
RT: 25.864 min Scan# 3567
Delta R.T. 0.012 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

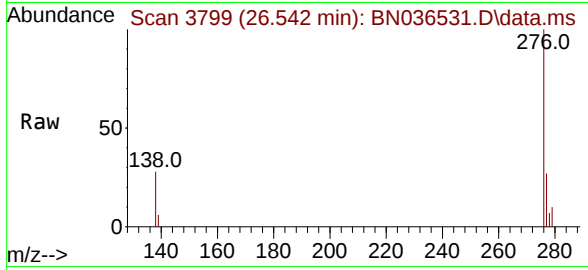
Tgt Ion:278 Resp: 4774
Ion Ratio Lower Upper
278 100
139 23.2 18.5 27.7
279 34.6 24.8 37.2





#41
Benzo(g,h,i)perylene
Concen: 0.443 ng
RT: 26.542 min Scan# 31
Delta R.T. 0.015 min
Lab File: BN036531.D
Acq: 05 Mar 2025 19:18

Instrument :
BNA_N
ClientSampleId :
PB166992BSD



Tgt Ion: 276 Resp: 5348

Ion	Ratio	Lower	Upper
276	100		
277	27.3	20.7	31.1
138	28.3	21.8	32.6

Manual Integrations
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Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

