

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036745.D
 Acq On : 27 Mar 2025 19:51
 Operator : RC/JU
 Sample : Q1608-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20250317

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025

Quant Time: Mar 28 00:57:58 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	7.703	152	1782	0.400	ng	-0.02
7) Naphthalene-d8	10.488	136	4096	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2547	0.400	ng	-0.02
19) Phenanthrene-d10	17.087	188	5581	0.400	ng	#-0.02
29) Chrysene-d12	21.277	240	4807	0.400	ng	-0.02
35) Perylene-d12	23.525	264	4214	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.298	112	640	0.154	ng	-0.01
5) Phenol-d6	6.879	99	449	0.088	ng	-0.02
8) Nitrobenzene-d5	8.854	82	1355	0.304	ng	-0.02
11) 2-Methylnaphthalene-d10	12.086	152	1849	0.303	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	459	0.397	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	5964	0.403	ng	-0.02
27) Fluoranthene-d10	19.123	212	6637	0.464	ng	-0.02
31) Terphenyl-d14	19.722	244	5052	0.439	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.225	88	3010	1.523	ng	# 82
34) Bis(2-ethylhexyl)phtha...	21.196	149	1001m	0.084	ng	

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

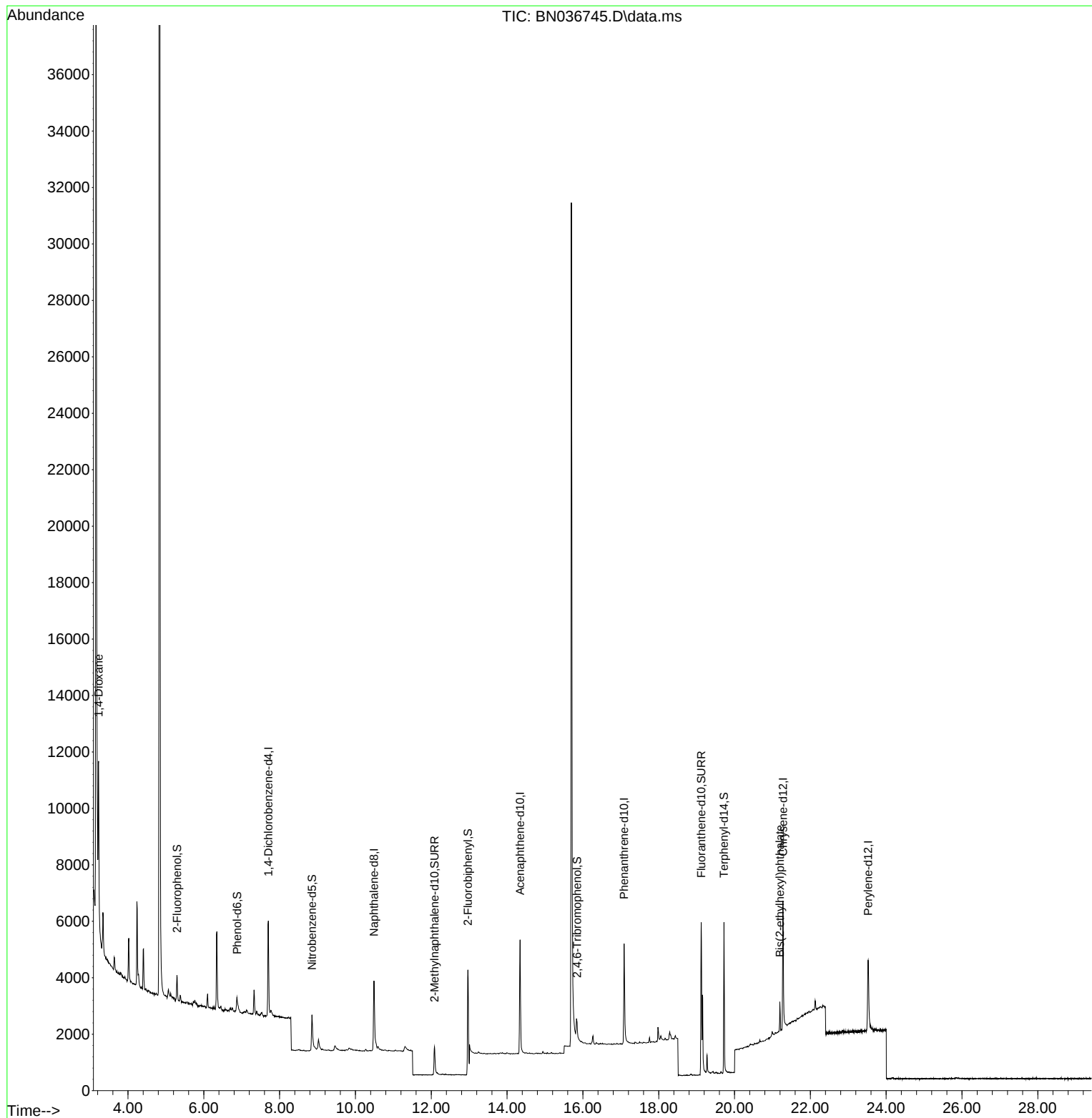
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
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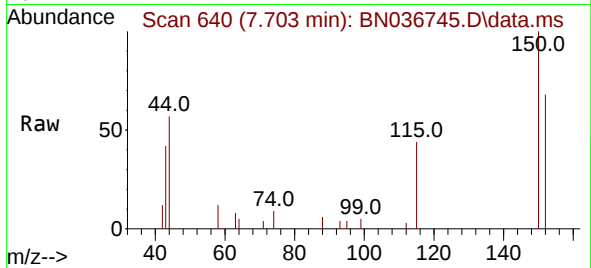
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.703 min Scan# 64
 Delta R.T. -0.021 min
 Lab File: BN036745.D
 Acq: 27 Mar 2025 19:51

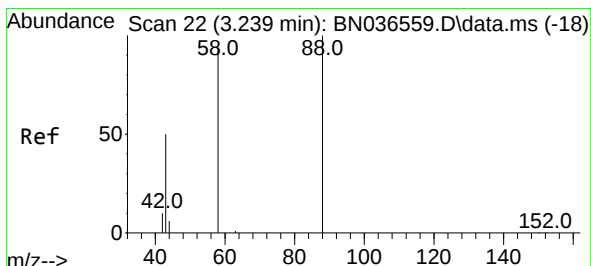
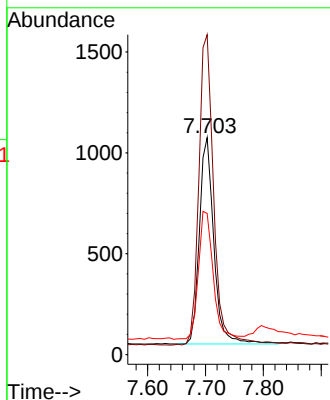
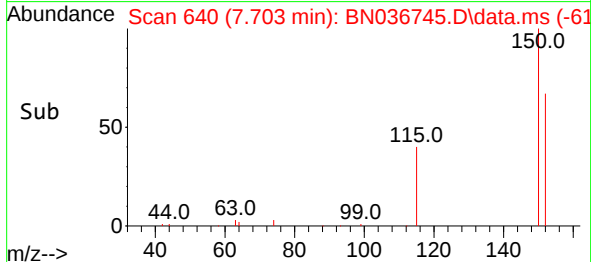
Instrument :
 BNA_N
 ClientSampleId :
 RE139D2-20250317



Tgt Ion: 152 Resp: 178
 Ion Ratio Lower Upper
 152 100
 150 147.4 123.7 185.5
 115 65.1 54.3 81.5

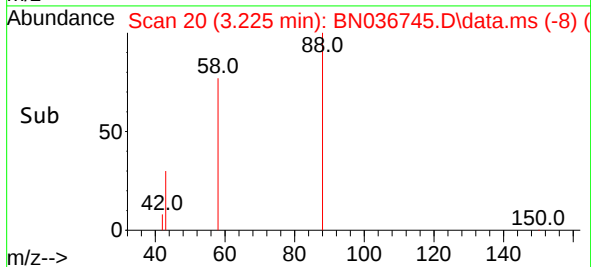
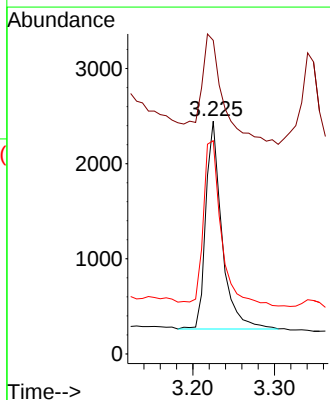
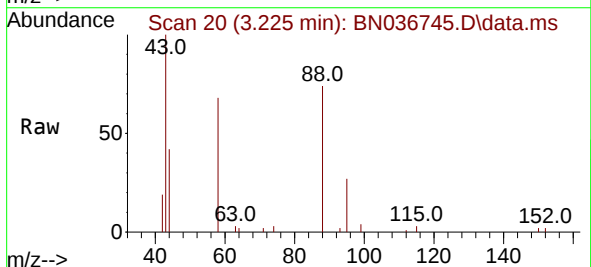
Manual Integrations
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 Supervised By :Jagrut Upadhyay 04/01/2025



#2
 1,4-Dioxane
 Concen: 1.523 ng
 RT: 3.225 min Scan# 20
 Delta R.T. -0.014 min
 Lab File: BN036745.D
 Acq: 27 Mar 2025 19:51

Tgt Ion: 88 Resp: 3010
 Ion Ratio Lower Upper
 88 100
 43 74.8 37.8 56.8#
 58 88.5 67.4 101.2





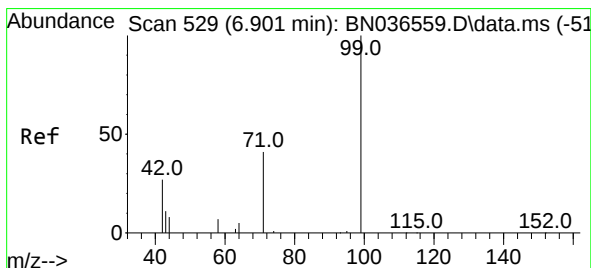
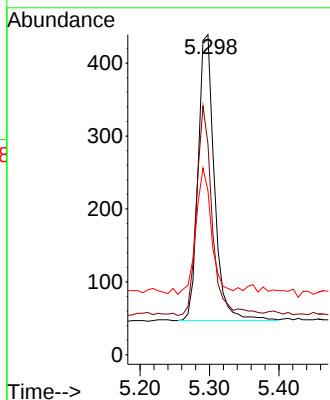
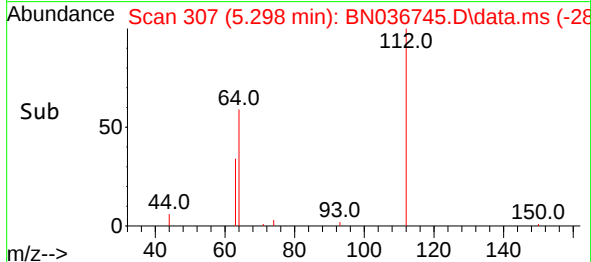
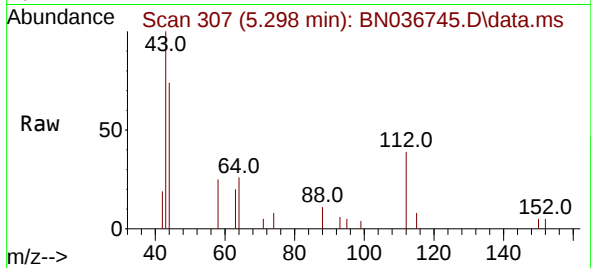
#4
2-Fluorophenol
Concen: 0.154 ng
RT: 5.298 min Scan# 309
Delta R.T. -0.014 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317

Tgt Ion: 112 Resp: 640
Ion Ratio Lower Upper
112 100
64 70.5 53.1 79.7
63 42.7 31.8 47.8

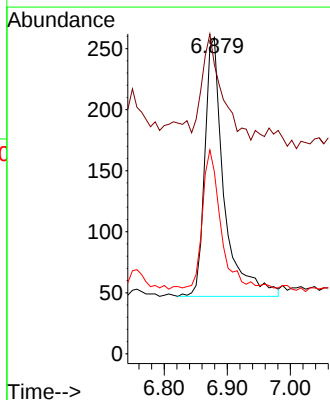
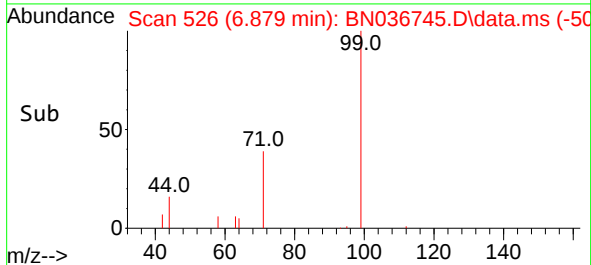
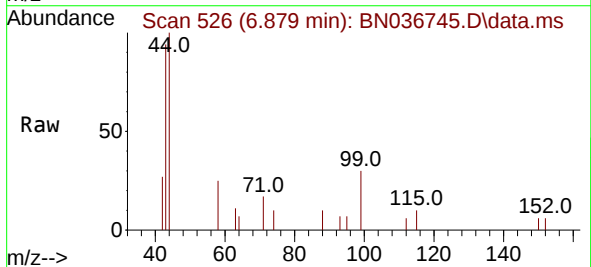
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#5
Phenol-d6
Concen: 0.088 ng
RT: 6.879 min Scan# 526
Delta R.T. -0.021 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

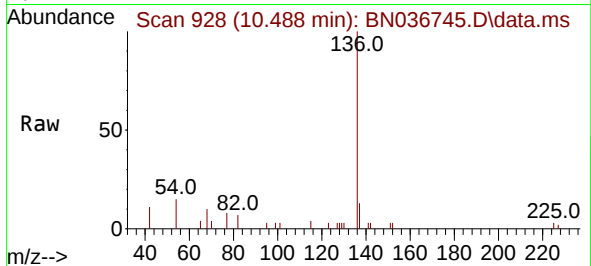
Tgt Ion: 99 Resp: 449
Ion Ratio Lower Upper
99 100
42 41.4 26.5 39.7#
71 51.9 34.1 51.1#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

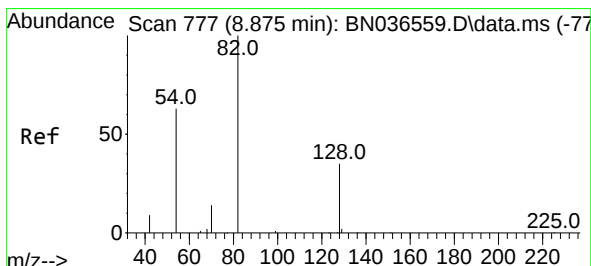
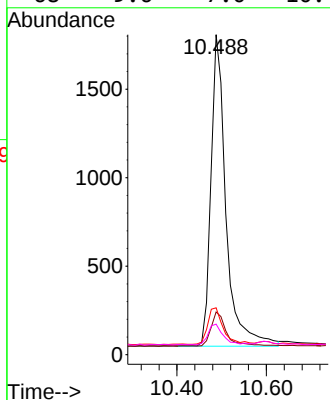
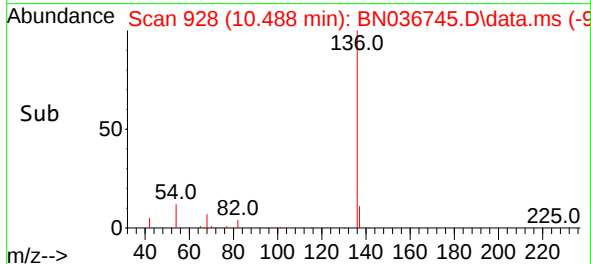
Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317



Tgt Ion:136 Resp: 4090
Ion Ratio Lower Upper
136 100
137 13.4 10.3 15.5
54 14.7 11.5 17.3
68 9.6 7.0 10.4

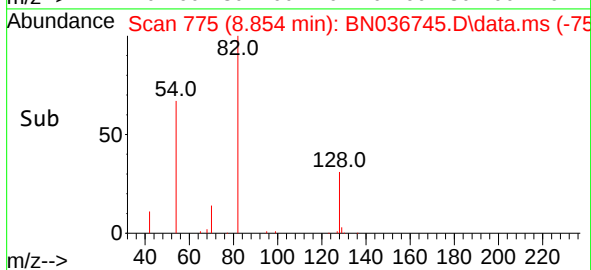
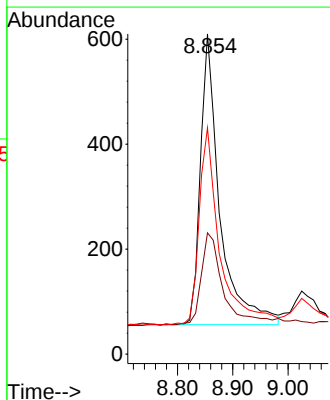
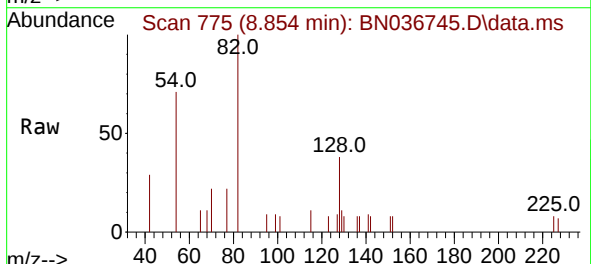
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#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.021 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

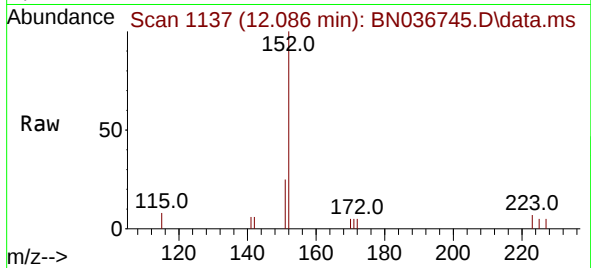
Tgt Ion: 82 Resp: 1355
Ion Ratio Lower Upper
82 100
128 37.9 30.6 45.8
54 70.7 52.2 78.4





#11
2-Methylnaphthalene-d10
Concen: 0.303 ng
RT: 12.086 min Scan# 1142
Delta R.T. -0.025 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

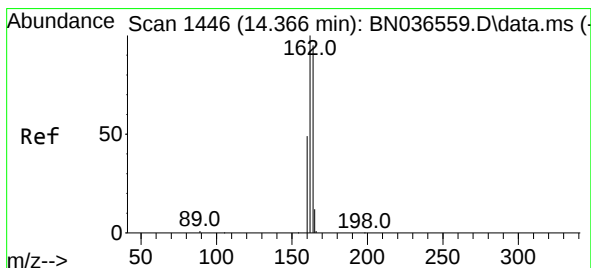
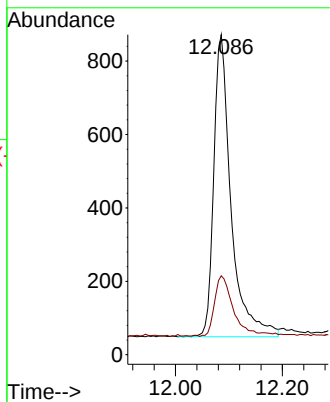
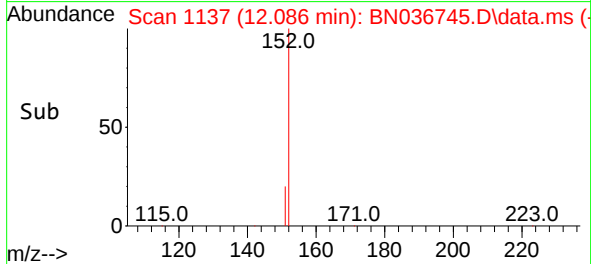
Instrument :
BNA_N
ClientSampleId :
RE139D2-20250317



Tgt Ion:152 Resp: 1849
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6

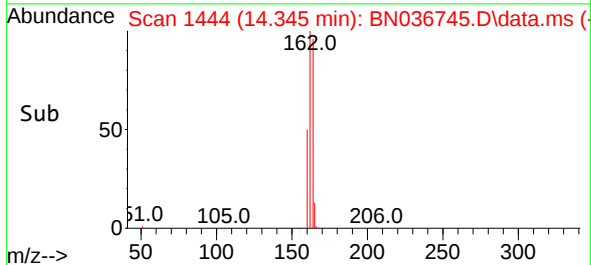
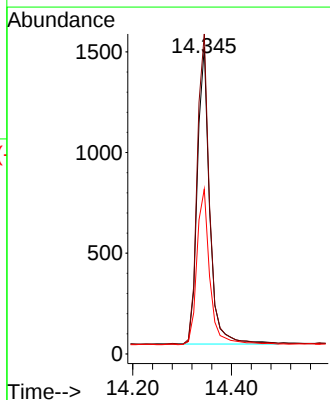
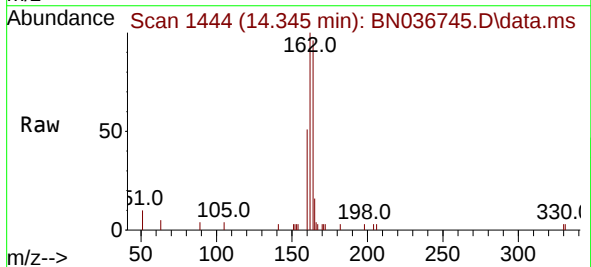
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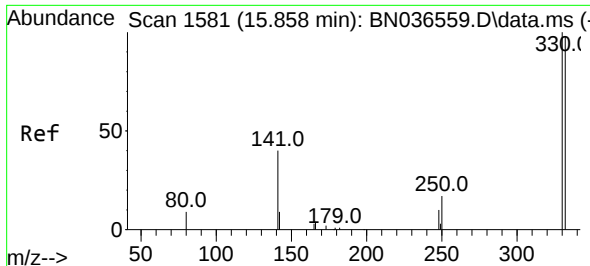
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

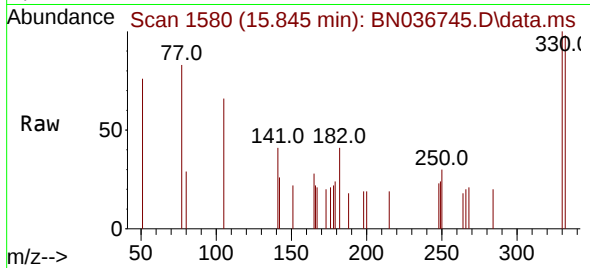
Tgt Ion:164 Resp: 2547
Ion Ratio Lower Upper
164 100
162 104.4 84.2 126.2
160 53.7 42.2 63.2





#14
2,4,6-Tribromophenol
Concen: 0.397 ng
RT: 15.845 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

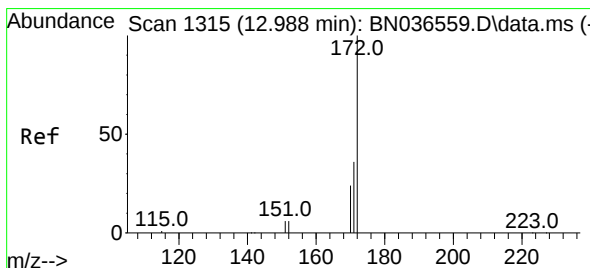
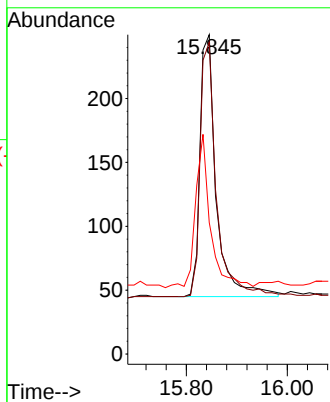
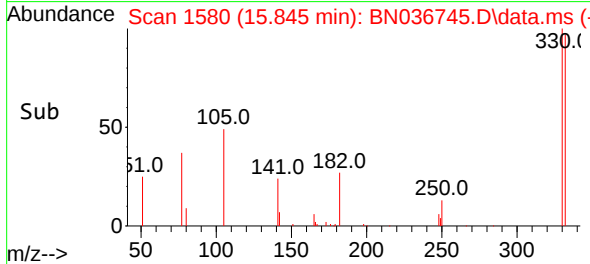
Instrument :
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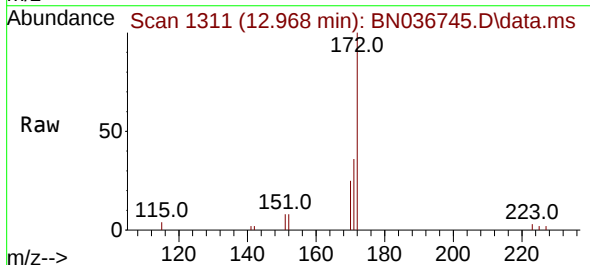
Tgt Ion:330 Resp: 459
Ion Ratio Lower Upper
330 100
332 97.4 75.2 112.8
141 53.4 43.4 65.2

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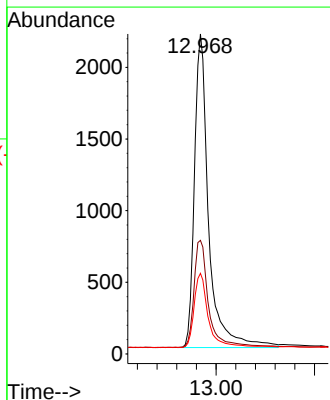
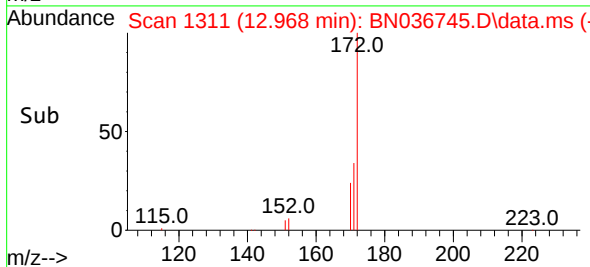
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.968 min Scan# 1311
Delta R.T. -0.020 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51



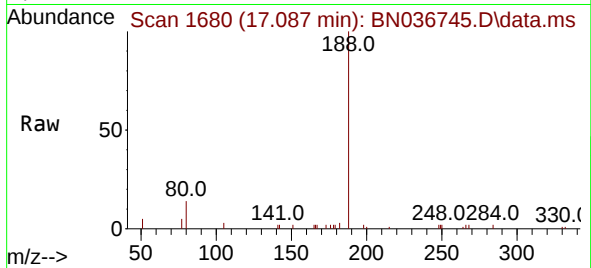
Tgt Ion:172 Resp: 5964
Ion Ratio Lower Upper
172 100
171 35.5 29.5 44.3
170 25.2 20.2 30.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

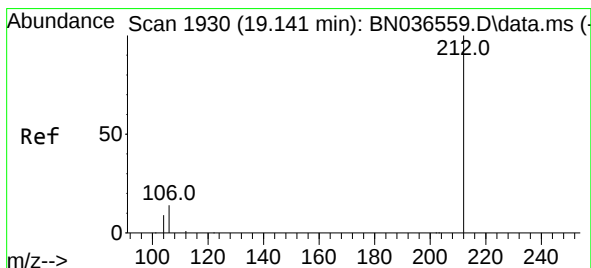
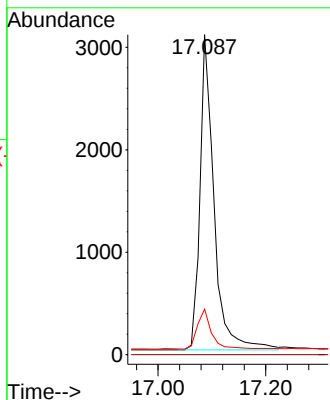
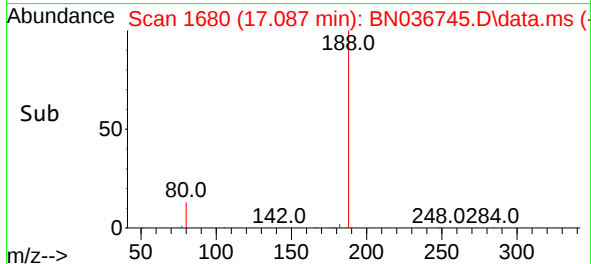
Instrument :
BNA_N
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RE139D2-20250317



Tgt Ion:188 Resp: 558
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.2 8.8 13.2

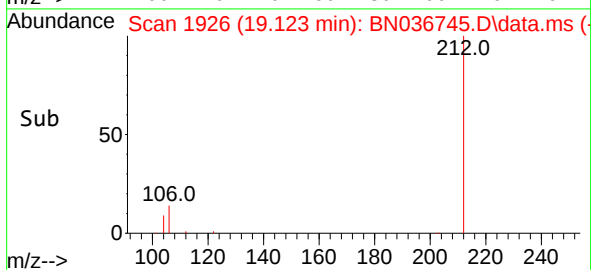
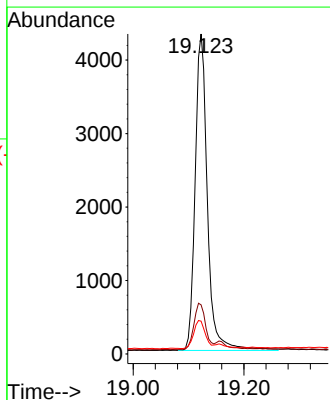
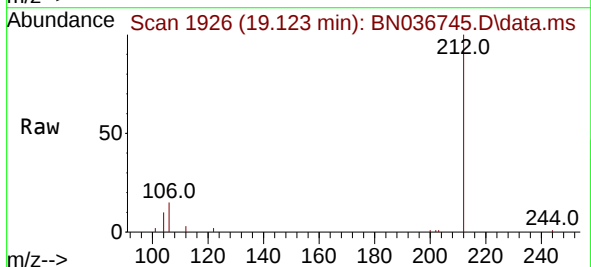
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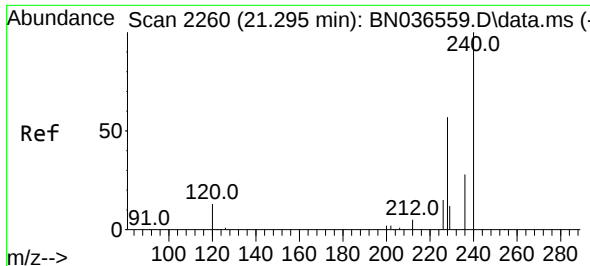
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025



#27
Fluoranthene-d10
Concen: 0.464 ng
RT: 19.123 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

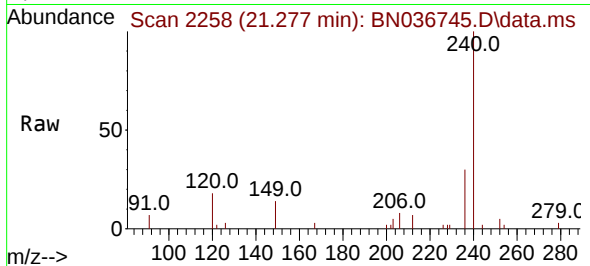
Tgt Ion:212 Resp: 6637
Ion Ratio Lower Upper
212 100
106 14.1 11.8 17.6
104 8.5 7.3 10.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51

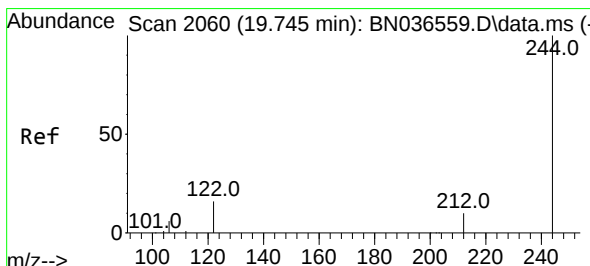
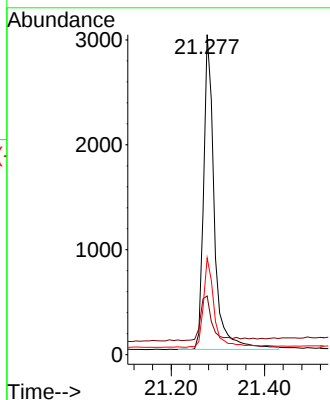
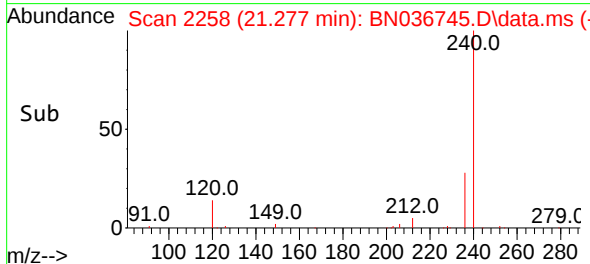
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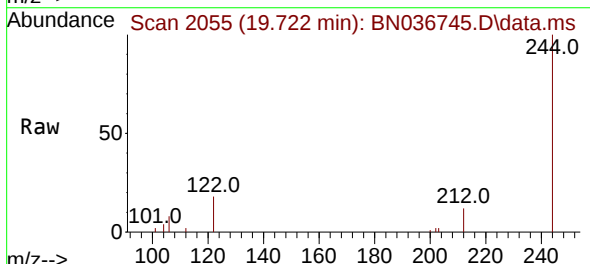
Tgt Ion:240 Resp: 480
Ion Ratio Lower Upper
240 100
120 18.4 14.6 22.0
236 30.2 24.1 36.1

Manual Integrations
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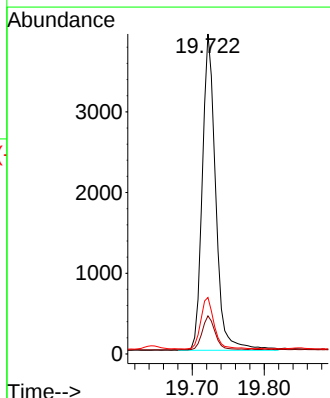
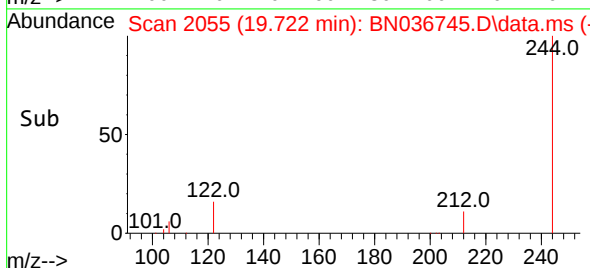
Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

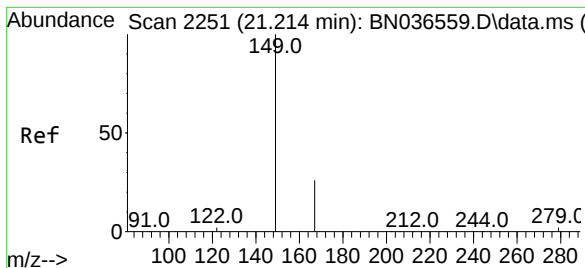


#31
Terphenyl-d14
Concen: 0.439 ng
RT: 19.722 min Scan# 2055
Delta R.T. -0.023 min
Lab File: BN036745.D
Acq: 27 Mar 2025 19:51



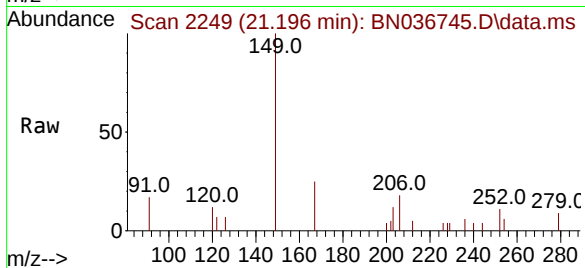
Tgt Ion:244 Resp: 5052
Ion Ratio Lower Upper
244 100
212 11.9 9.6 14.4
122 17.7 13.9 20.9





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.084 ng m
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.018 min
 Lab File: BN036745.D
 Acq: 27 Mar 2025 19:51

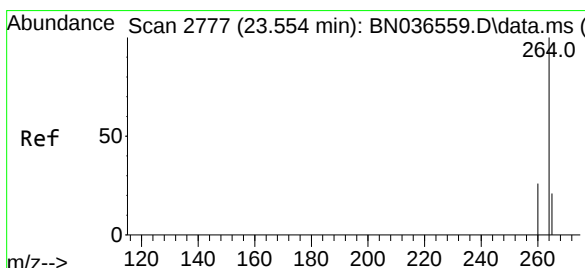
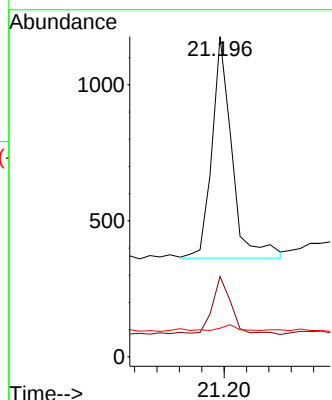
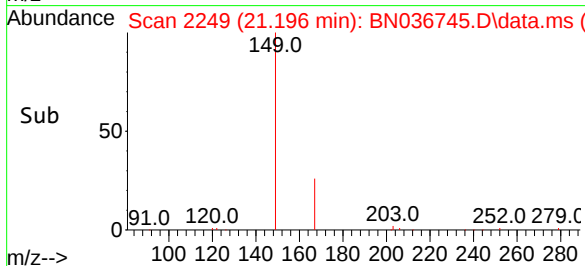
Instrument :
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 ClientSampleId :
 RE139D2-20250317



Tgt Ion:149 Resp: 100
 Ion Ratio Lower Upper
 149 100
 167 25.5 20.7 31.1
 279 2.0 3.6 5.4

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/28/2025
 Supervised By :Jagrut Upadhyay 04/01/2025



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.525 min Scan# 2767
 Delta R.T. -0.029 min
 Lab File: BN036745.D
 Acq: 27 Mar 2025 19:51

Tgt Ion:264 Resp: 4214
 Ion Ratio Lower Upper
 264 100
 260 27.4 22.6 33.8
 265 85.3 88.1 132.1#

