

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
 Data File : BN036616.D
 Acq On : 14 Mar 2025 21:06
 Operator : RC/JU
 Sample : PB167131BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167131BL

Manual Integrations
 APPROVED

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

Quant Time: Mar 14 23:33:02 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	1685	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	3425	0.400	ng	# 0.02
13) Acenaphthene-d10	14.377	164	1855	0.400	ng	0.01
19) Phenanthrene-d10	17.136	188	3067	0.400	ng	# 0.02
29) Chrysene-d12	21.304	240	2102	0.400	ng	# 0.00
35) Perylene-d12	23.560	264	1909	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1730	0.441	ng	0.00
5) Phenol-d6	6.901	99	1664	0.343	ng	0.00
8) Nitrobenzene-d5	8.897	82	1303	0.350	ng	0.02
11) 2-Methylnaphthalene-d10	12.136	152	1818	0.357	ng	0.03
14) 2,4,6-Tribromophenol	15.895	330	256	0.304	ng	0.04
15) 2-Fluorobiphenyl	13.019	172	3069m	0.284	ng	0.03
27) Fluoranthene-d10	19.150	212	3409	0.434	ng	0.00
31) Terphenyl-d14	19.754	244	2139	0.425	ng	0.00

Target Compounds Qvalue

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

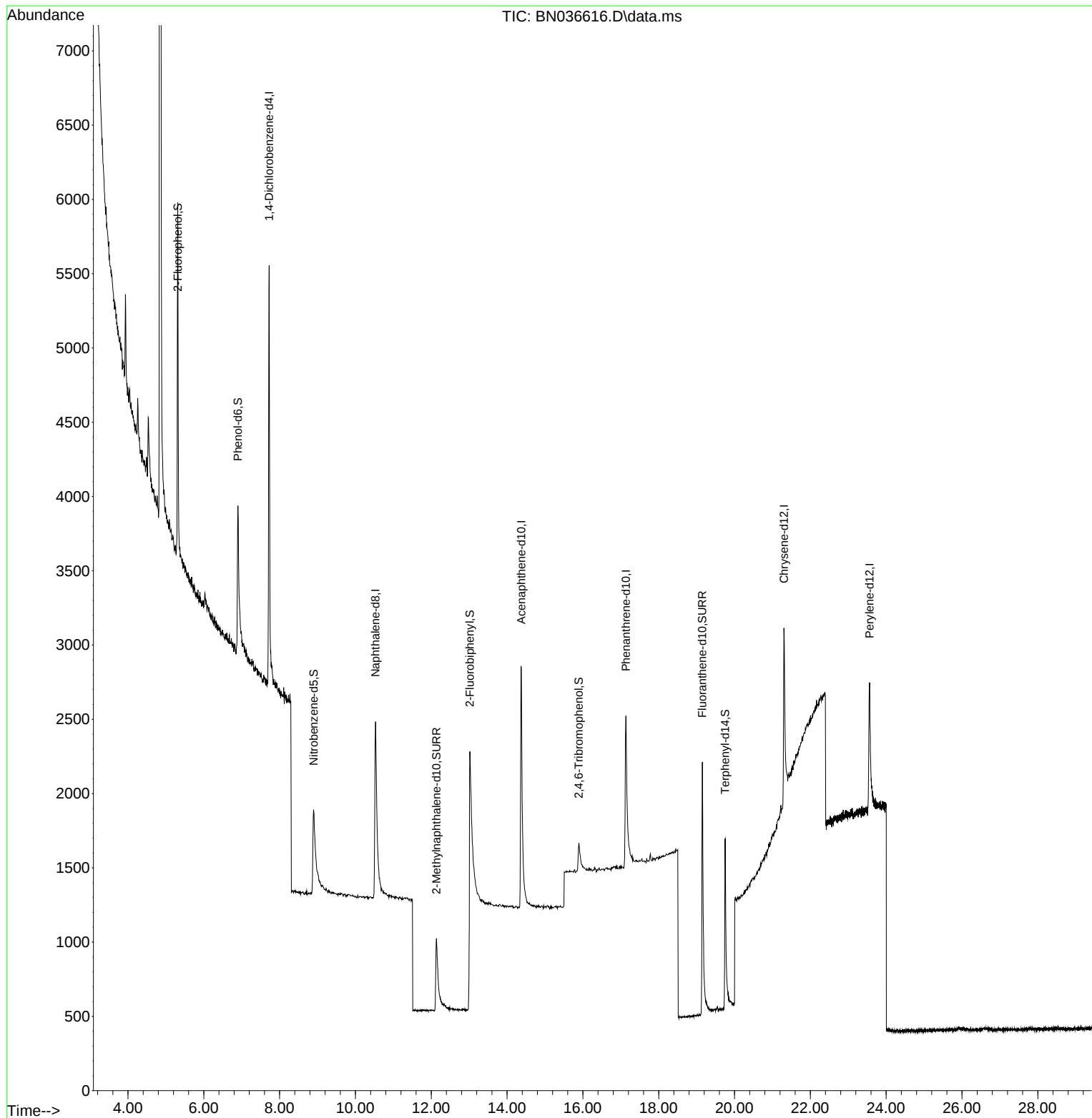
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031425\
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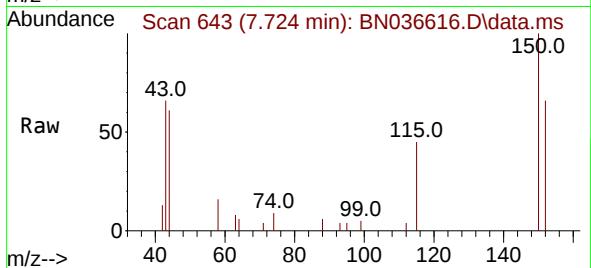
Quant Time: Mar 14 23:33:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.724 min Scan# 643
 Delta R.T. 0.000 min
 Lab File: BN036616.D
 Acq: 14 Mar 2025 21:06

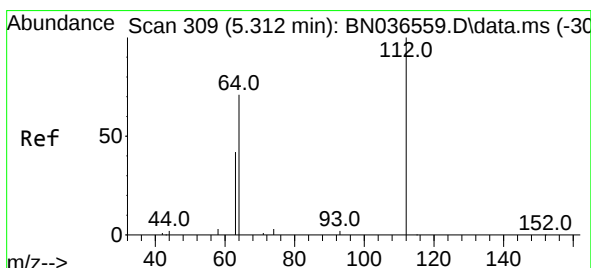
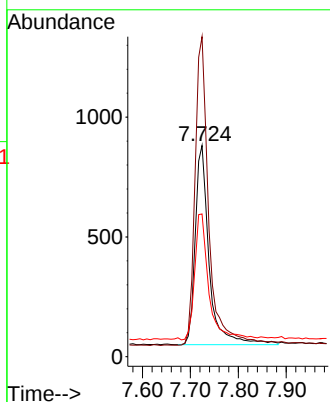
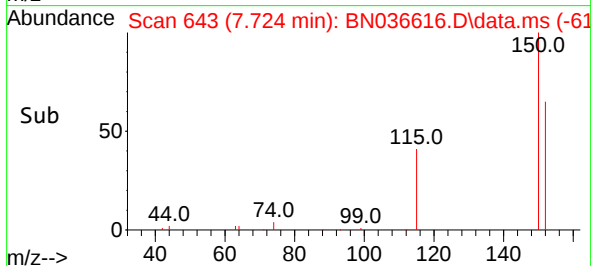
Instrument :
 BNA_N
 ClientSampleId :
 PB167131BL



Tgt Ion:152 Resp: 1685
 Ion Ratio Lower Upper
 152 100
 150 151.5 123.7 185.5
 115 67.6 54.3 81.5

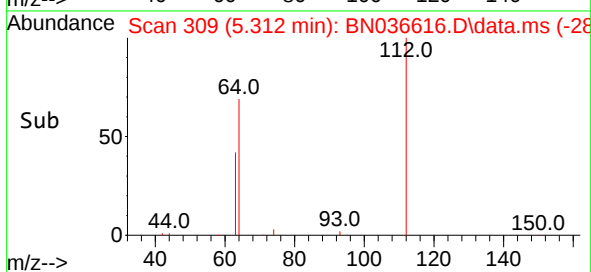
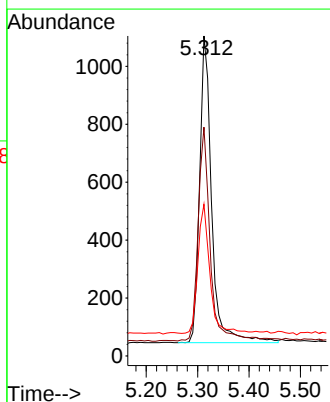
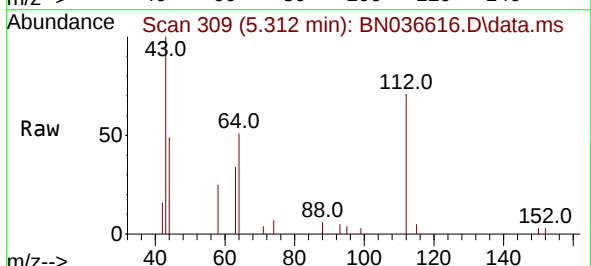
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#4
 2-Fluorophenol
 Concen: 0.441 ng
 RT: 5.312 min Scan# 309
 Delta R.T. 0.000 min
 Lab File: BN036616.D
 Acq: 14 Mar 2025 21:06

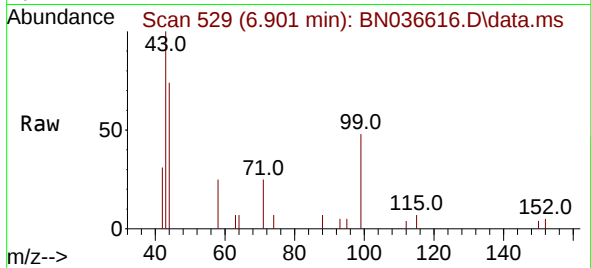
Tgt Ion:112 Resp: 1730
 Ion Ratio Lower Upper
 112 100
 64 69.2 53.1 79.7
 63 41.7 31.8 47.8





#5
Phenol-d6
Concen: 0.343 ng
RT: 6.901 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036616.D
Acq: 14 Mar 2025 21:06

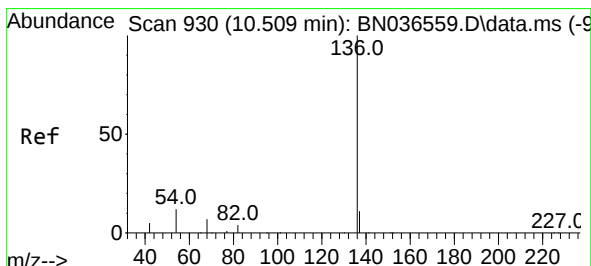
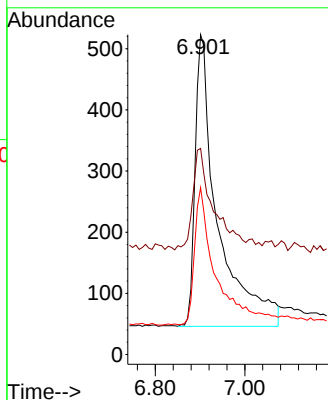
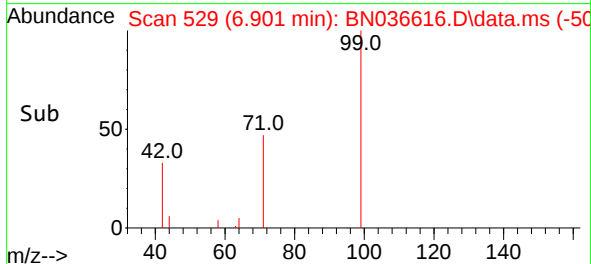
Instrument :
BNA_N
ClientSampleId :
PB167131BL



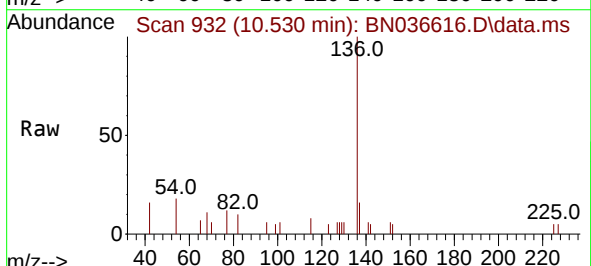
Tgt Ion: 99 Resp: 1664
Ion Ratio Lower Upper
99 100
42 31.8 26.5 39.7
71 44.6 34.1 51.1

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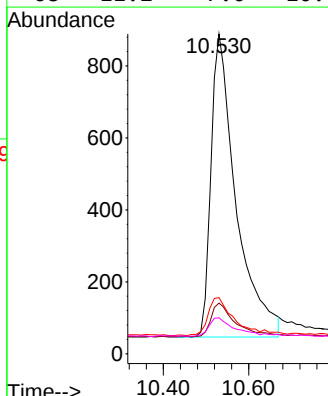
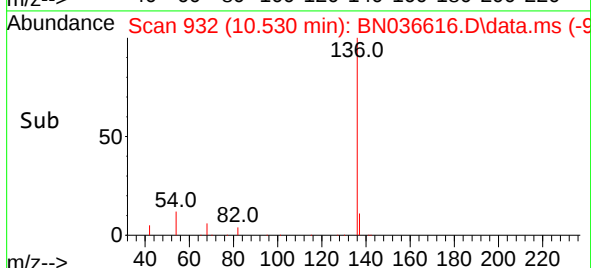
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Supervised By :Jagrut Upadhyay 03/17/2025



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.530 min Scan# 932
Delta R.T. 0.021 min
Lab File: BN036616.D
Acq: 14 Mar 2025 21:06



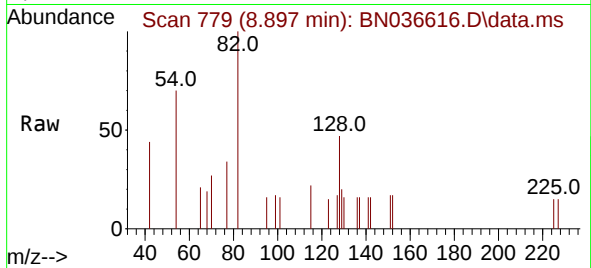
Tgt Ion:136 Resp: 3425
Ion Ratio Lower Upper
136 100
137 15.9 10.3 15.5#
54 17.5 11.5 17.3#
68 11.2 7.0 10.4#





#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.897 min Scan# 71
Delta R.T. 0.021 min
Lab File: BN036616.D
Acq: 14 Mar 2025 21:06

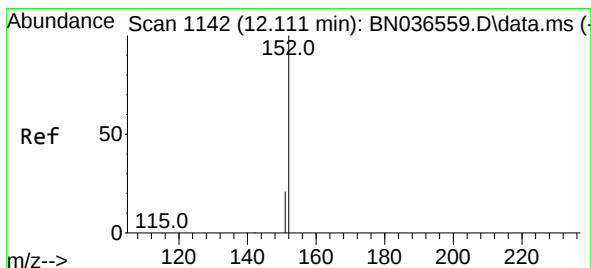
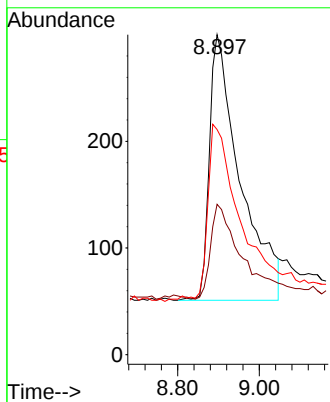
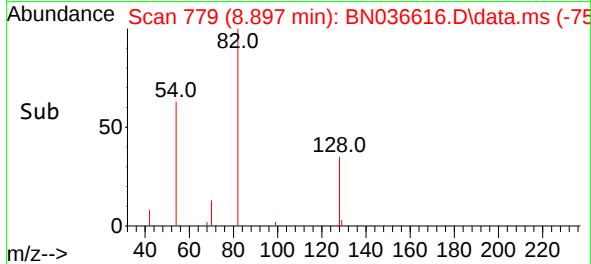
Instrument :
BNA_N
ClientSampleId :
PB167131BL



Tgt Ion: 82 Resp: 130
Ion Ratio Lower Upper
82 100
128 47.0 30.6 45.8
54 70.3 52.2 78.4

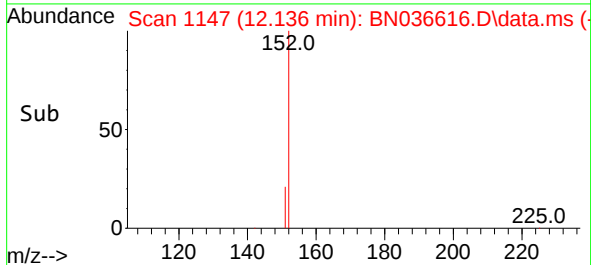
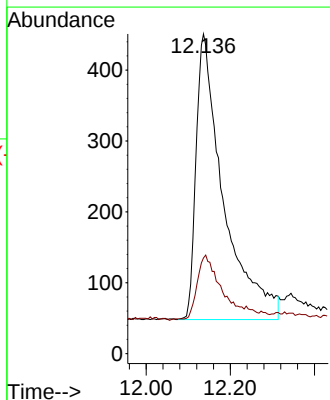
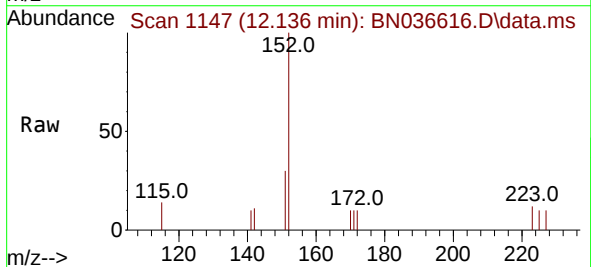
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#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.136 min Scan# 1147
Delta R.T. 0.026 min
Lab File: BN036616.D
Acq: 14 Mar 2025 21:06

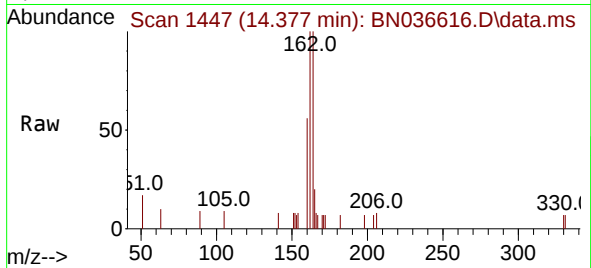
Tgt Ion:152 Resp: 1818
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.377 min Scan# 1447
Delta R.T. 0.011 min
Lab File: BN036616.D
Acq: 14 Mar 2025 21:06

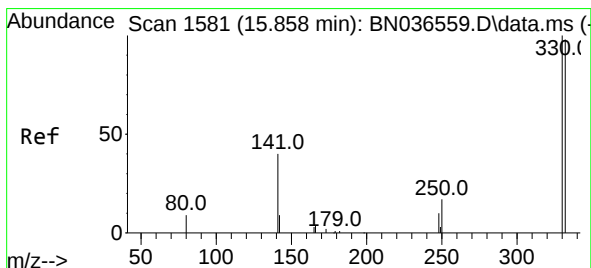
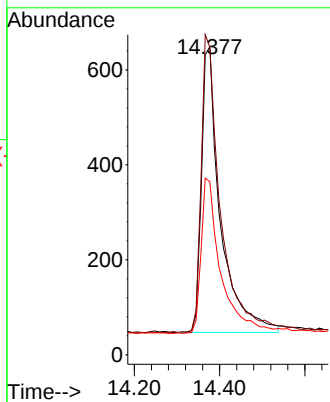
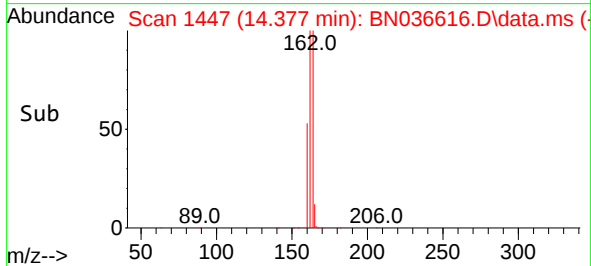
Instrument :
BNA_N
ClientSampleId :
PB167131BL



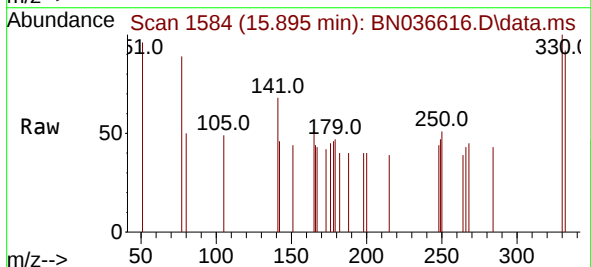
Tgt Ion:164 Resp: 185
Ion Ratio Lower Upper
164 100
162 99.7 84.2 126.2
160 56.1 42.2 63.2

Manual Integrations
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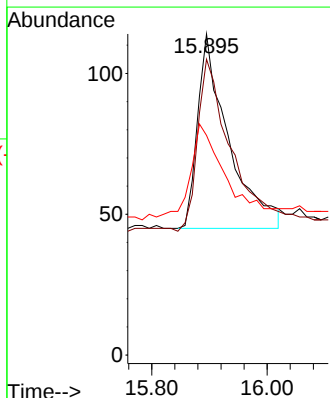
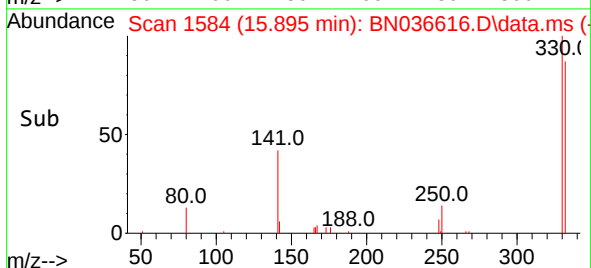
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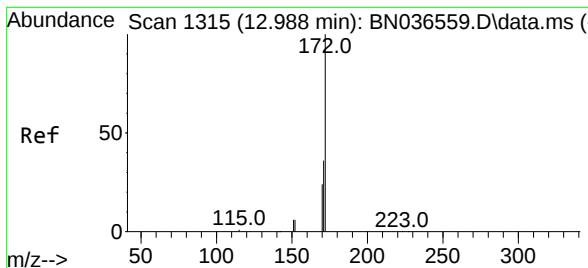


#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.895 min Scan# 1584
Delta R.T. 0.037 min
Lab File: BN036616.D
Acq: 14 Mar 2025 21:06



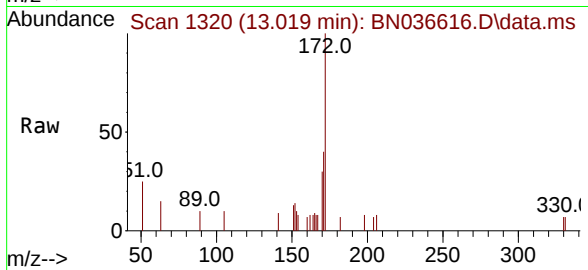
Tgt Ion:330 Resp: 256
Ion Ratio Lower Upper
330 100
332 97.7 75.2 112.8
141 57.4 43.4 65.2





#15
2-Fluorobiphenyl
Concen: 0.284 ng m
RT: 13.019 min Scan# 11
Delta R.T. 0.031 min
Lab File: BN036616.D
Acq: 14 Mar 2025 21:06

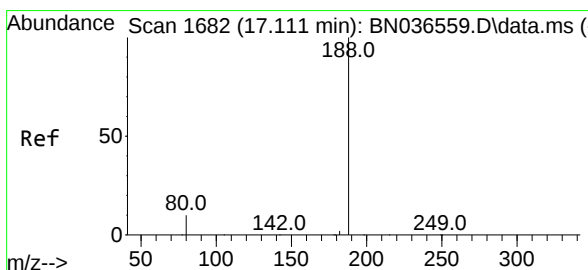
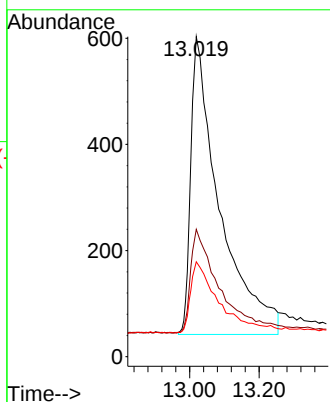
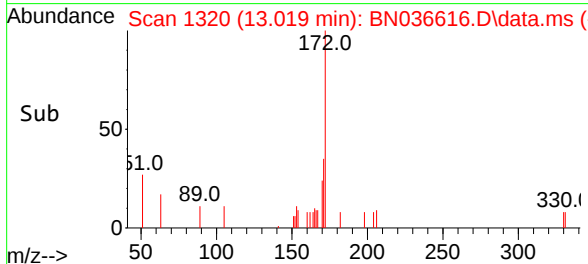
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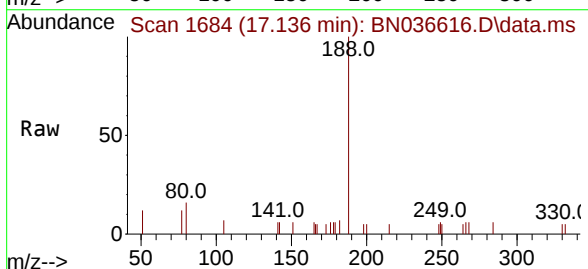
Tgt Ion:172 Resp: 3069
Ion Ratio Lower Upper
172 100
171 39.8 29.5 44.3
170 29.7 20.2 30.4

Manual Integrations
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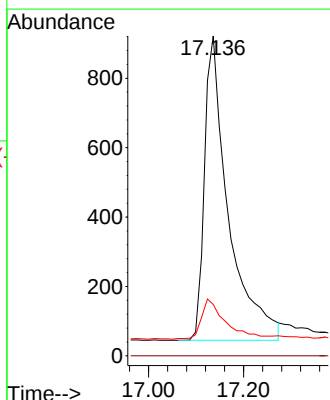
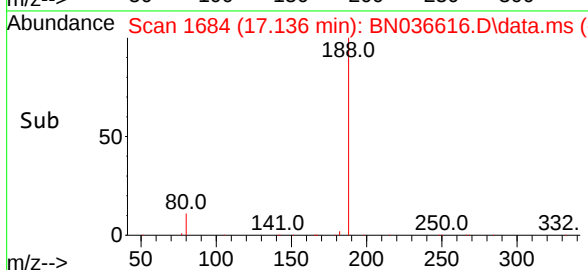
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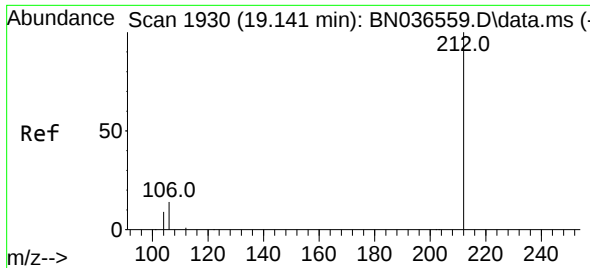


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. 0.025 min
Lab File: BN036616.D
Acq: 14 Mar 2025 21:06



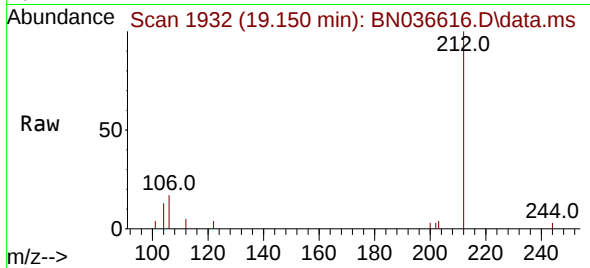
Tgt Ion:188 Resp: 3067
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.1 8.8 13.2#





#27
Fluoranthene-d10
Concen: 0.434 ng
RT: 19.150 min Scan# 1932
Delta R.T. 0.009 min
Lab File: BN036616.D
Acq: 14 Mar 2025 21:06

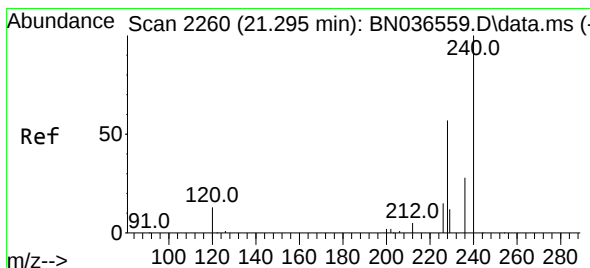
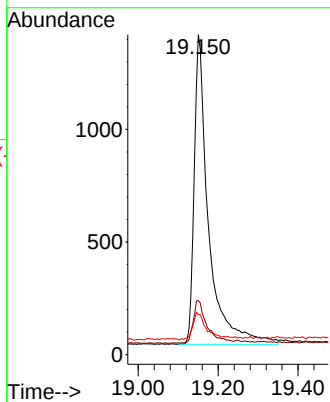
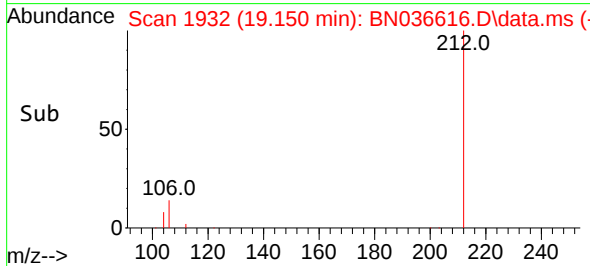
Instrument :
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PB167131BL



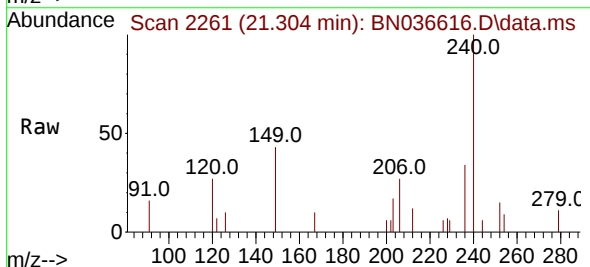
Tgt Ion:212 Resp: 3409
Ion Ratio Lower Upper
212 100
106 13.1 11.8 17.6
104 8.2 7.3 10.9

Manual Integrations
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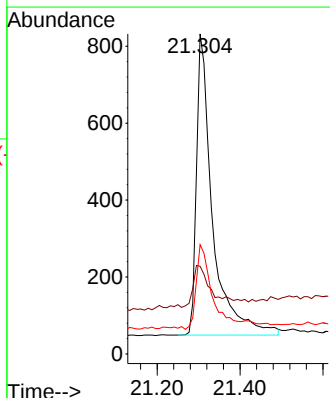
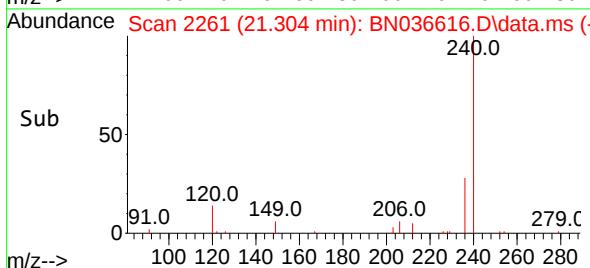
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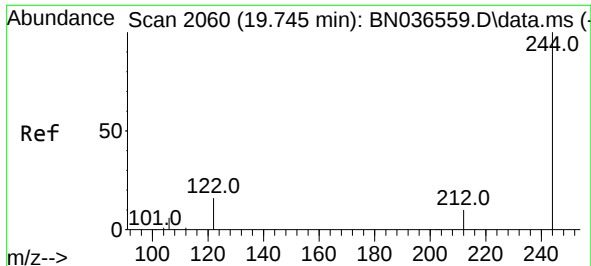


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036616.D
Acq: 14 Mar 2025 21:06



Tgt Ion:240 Resp: 2102
Ion Ratio Lower Upper
240 100
120 27.4 14.6 22.0#
236 34.1 24.1 36.1





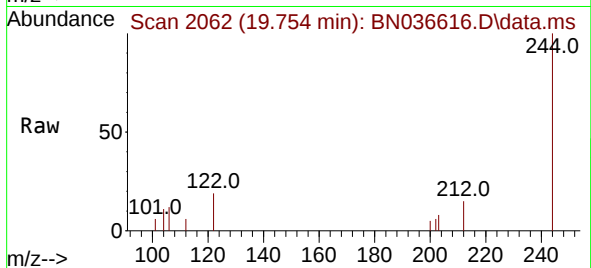
#31
 Terphenyl-d14
 Concen: 0.425 ng
 RT: 19.754 min Scan# 2062
 Delta R.T. 0.009 min
 Lab File: BN036616.D
 Acq: 14 Mar 2025 21:06

Instrument :

BNA_N

ClientSampleId :

PB167131BL

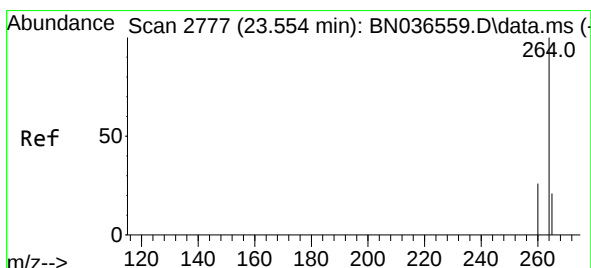
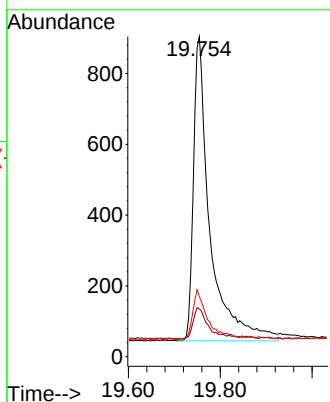
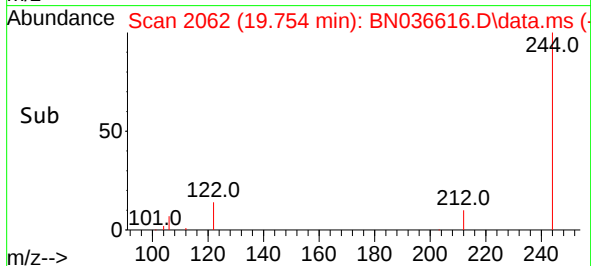


Tgt Ion:244 Resp: 2139
 Ion Ratio Lower Upper
 244 100
 212 14.9 9.6 14.4
 122 18.8 13.9 20.9

Manual Integrations

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#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.560 min Scan# 2779
 Delta R.T. 0.006 min
 Lab File: BN036616.D
 Acq: 14 Mar 2025 21:06

Tgt Ion:264 Resp: 1909
 Ion Ratio Lower Upper
 264 100
 260 31.6 22.6 33.8
 265 180.7 88.1 132.1#

