

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
 Data File : BN018015.D
 Acq On : 14 Dec 2021 23:07
 Operator : CG/JU
 Sample : M4956-01DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20211202DL

Quant Time: Dec 15 02:21:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 01:08:04 2021
 Response via : Initial Calibration

Manual Integrations
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Reviewed By : Christian Giraldo 12/15/2021
 Supervised By : Jagrut Upadhyay 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	28144	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	102734	0.400	ng	0.00
13) Acenaphthene-d10	14.319	164	61987	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	124212	0.400	ng	0.00
29) Chrysene-d12	21.270	240	124524	0.400	ng	0.00
35) Perylene-d12	23.546	264	113270	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	1256	0.021	ng	0.00
5) Phenol-d6	6.877	99	630	0.010	ng	0.00
8) Nitrobenzene-d5	8.848	82	2666	0.037	ng	0.01
11) 2-Methylnaphthalene-d10	12.096	152	6068	0.036	ng	0.03
14) 2,4,6-Tribromophenol	15.842	330	806m	0.209	ng	0.03
15) 2-Fluorobiphenyl	12.974	172	10021m	0.046	ng	0.03
27) Fluoranthene-d10	19.112	212	27950	0.067	ng	0.00
31) Terphenyl-d14	19.718	244	26258	0.101	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.235	88	19439m	1.108	ng	Qvalue

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

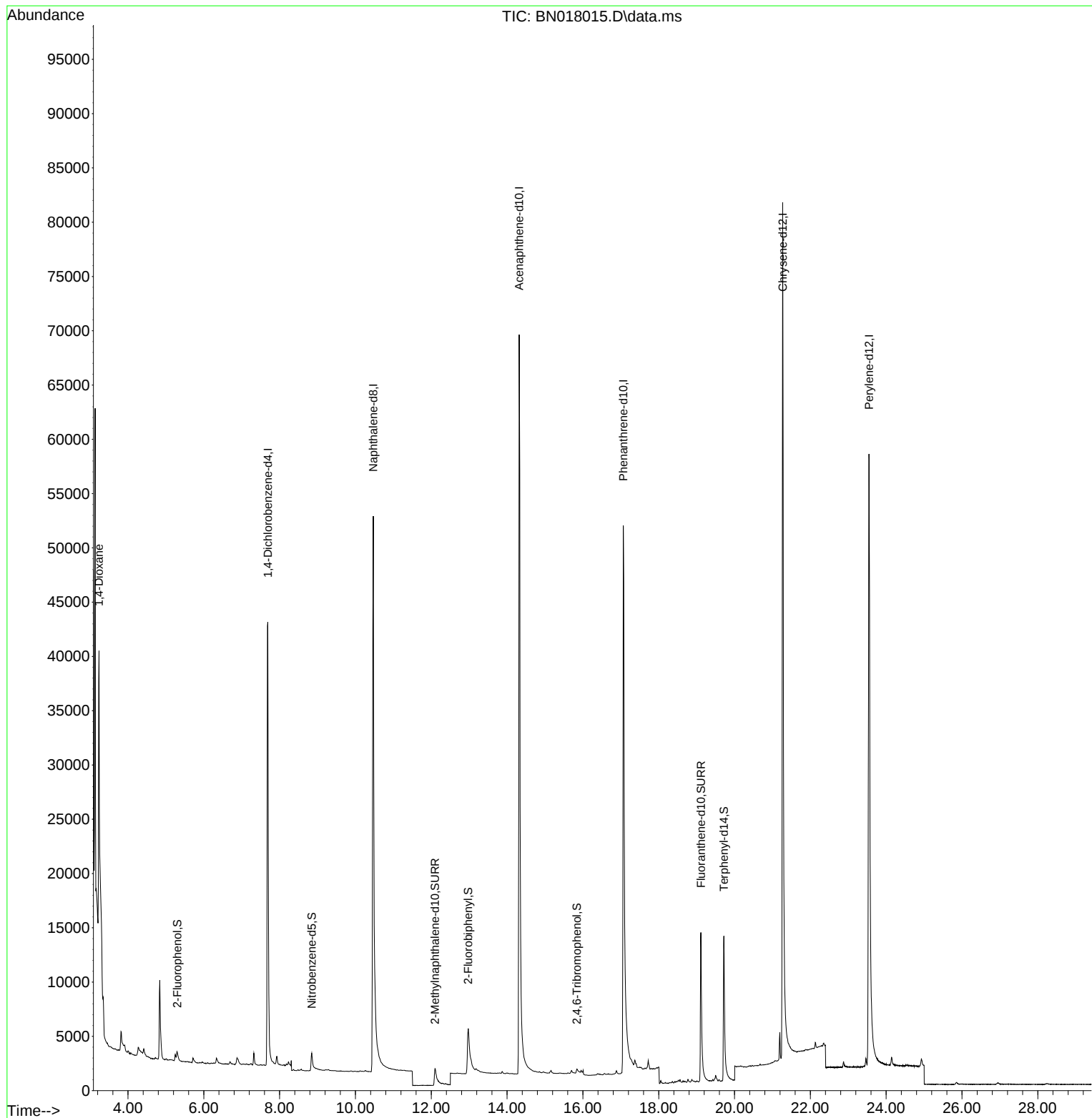
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018015.D
Acq On : 14 Dec 2021 23:07
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Sample : M4956-01DL 5X
Misc :
ALS Vial : 41 Sample Multiplier: 1

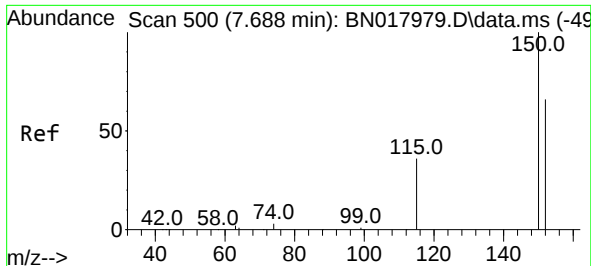
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Quant Time: Dec 15 02:21:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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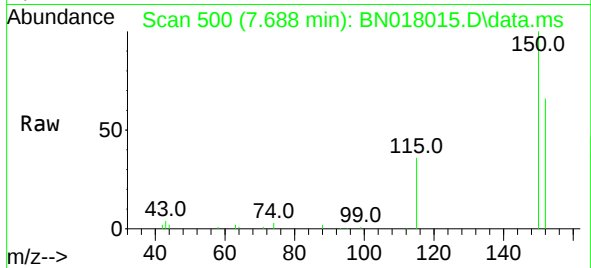
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Supervised By : Jagrut Upadhyay 12/15/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.688 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN018015.D
 Acq: 14 Dec 2021 23:07

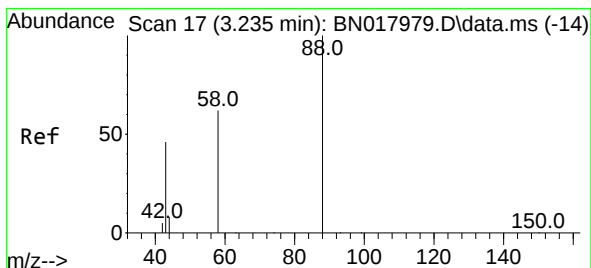
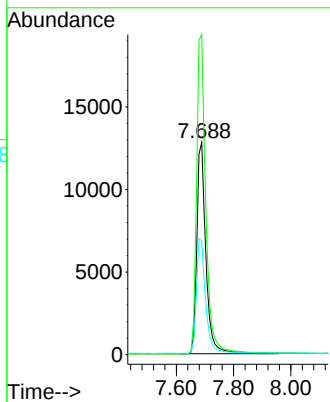
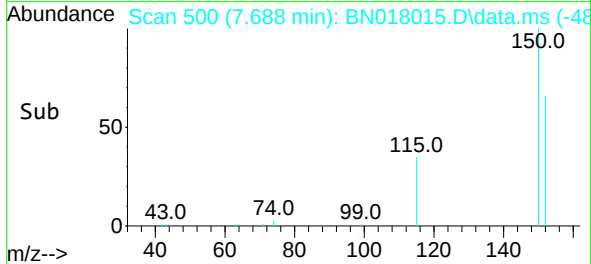
Instrument :
 BNA_N
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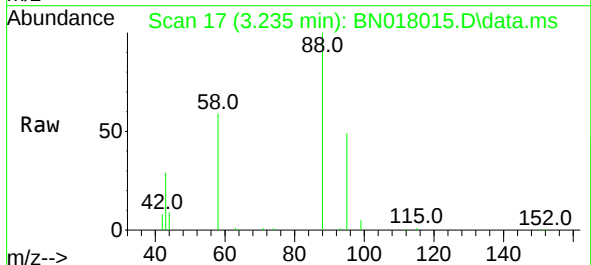
Tgt Ion: 152 Resp: 28144
 Ion Ratio Lower Upper
 152 100
 150 150.8 121.7 182.5
 115 53.8 43.8 65.8

Manual Integrations
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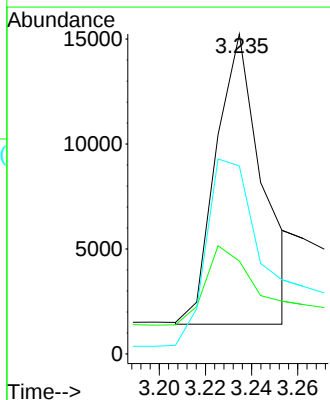
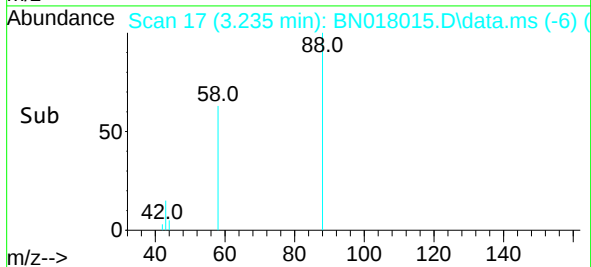
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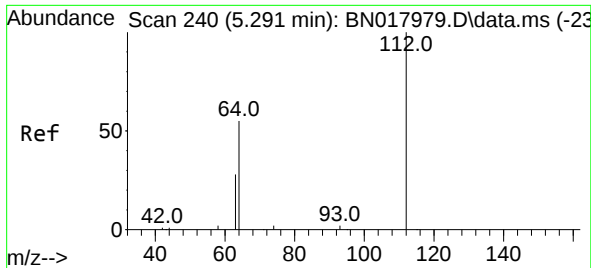


#2
 1,4-Dioxane
 Concen: 1.108 ng m
 RT: 3.235 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN018015.D
 Acq: 14 Dec 2021 23:07



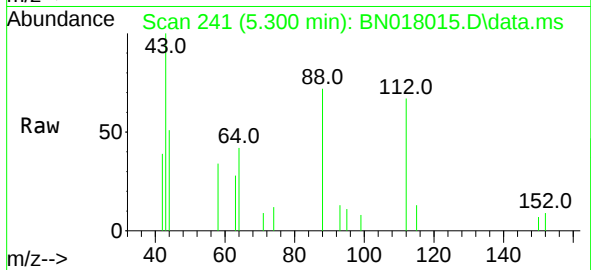
Tgt Ion: 88 Resp: 19439
 Ion Ratio Lower Upper
 88 100
 43 32.1 69.7 104.5#
 58 83.5 83.8 125.8#





#4
2-Fluorophenol
Concen: 0.021 ng
RT: 5.300 min Scan# 241
Delta R.T. 0.009 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

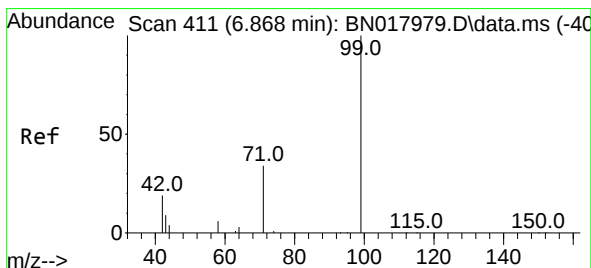
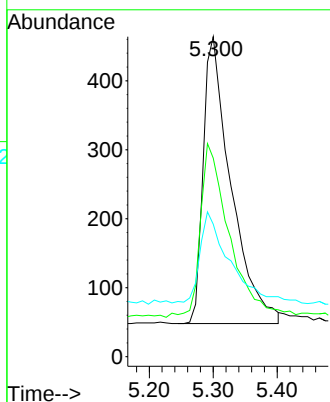
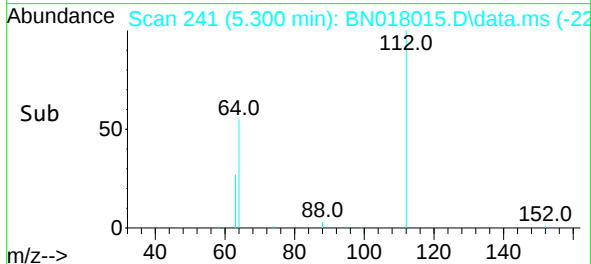
Instrument :
BNA_N
ClientSampleId :
RE134D2-20211202DL



Tgt Ion: 112 Resp: 1250
Ion Ratio Lower Upper
112 100
64 62.4 48.0 72.0
63 32.7 25.3 37.9

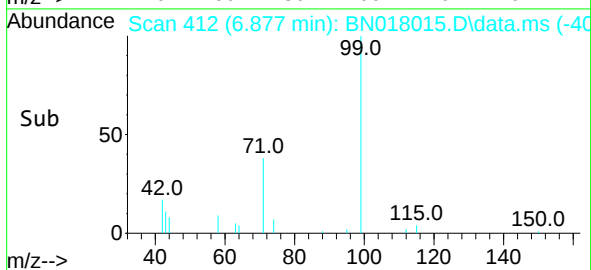
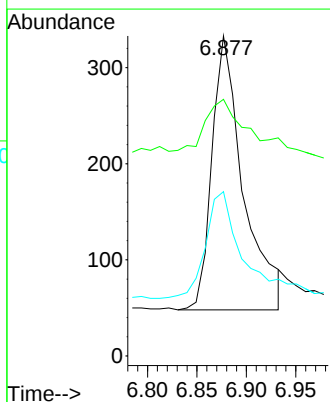
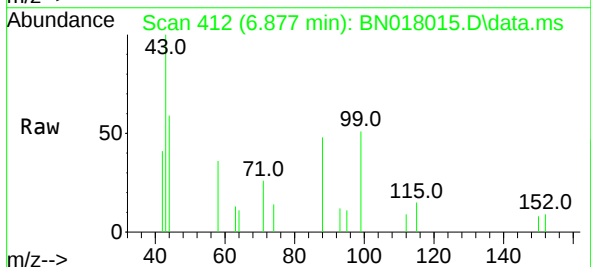
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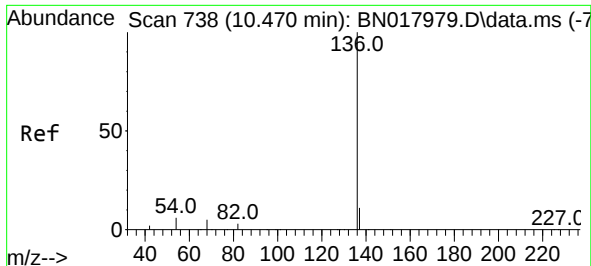
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#5
Phenol-d6
Concen: 0.010 ng
RT: 6.877 min Scan# 412
Delta R.T. 0.009 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

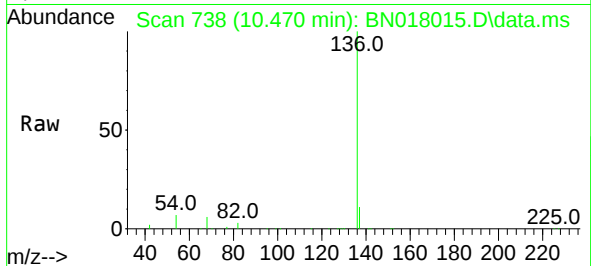
Tgt Ion: 99 Resp: 630
Ion Ratio Lower Upper
99 100
42 22.2 16.3 24.5
71 42.4 26.8 40.2#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

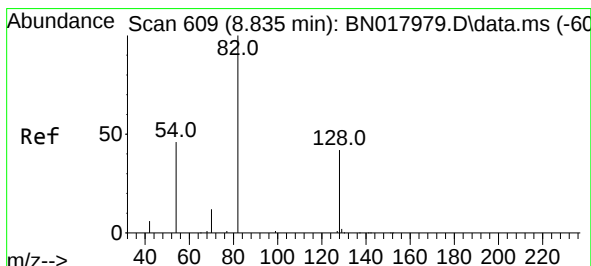
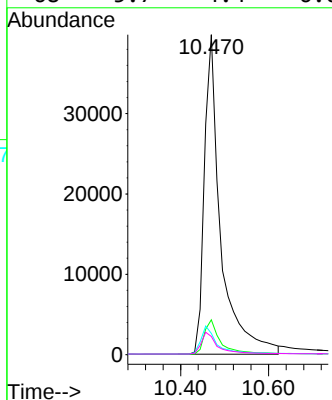
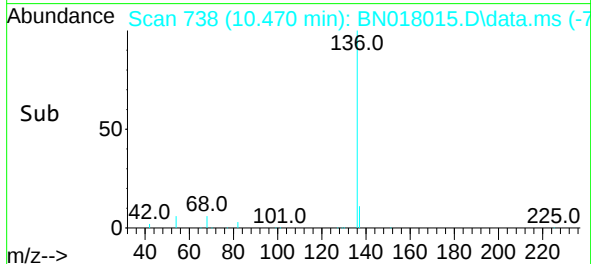
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ClientSampleId :
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Tgt Ion:136 Resp: 102734
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 5.0 7.6
68 5.7 4.4 6.6

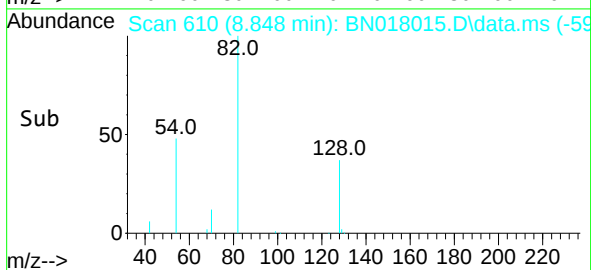
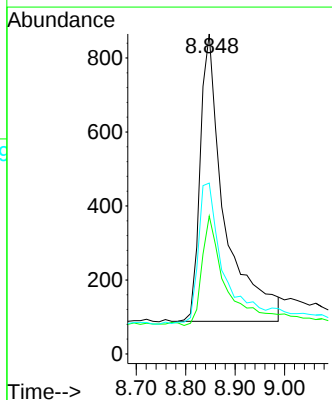
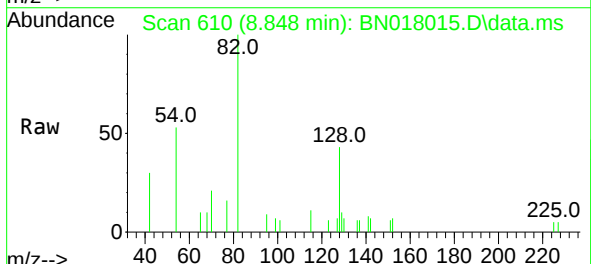
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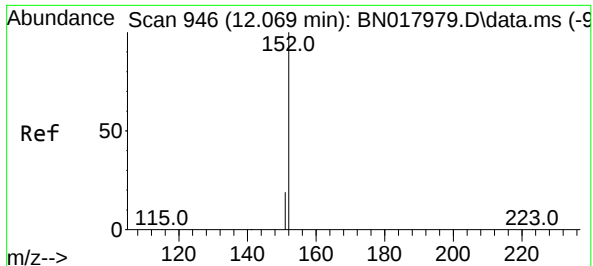
Reviewed By :Christian Giraldo 12/15/2021
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#8
Nitrobenzene-d5
Concen: 0.037 ng
RT: 8.848 min Scan# 610
Delta R.T. 0.013 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

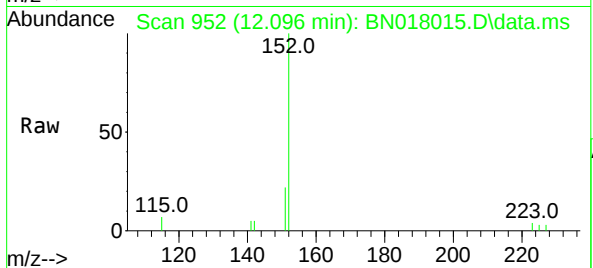
Tgt Ion: 82 Resp: 2666
Ion Ratio Lower Upper
82 100
128 43.1 33.7 50.5
54 53.4 36.6 55.0





#11
2-Methylnaphthalene-d10
Concen: 0.036 ng
RT: 12.096 min Scan# 946
Delta R.T. 0.027 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

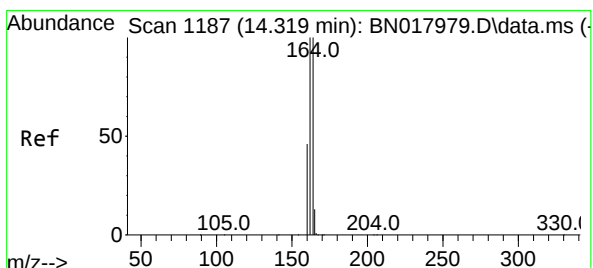
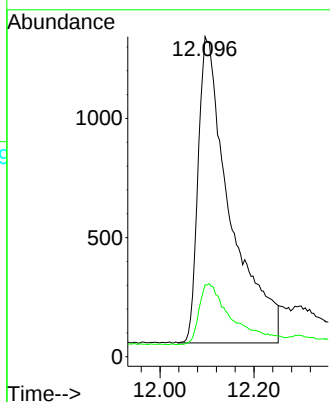
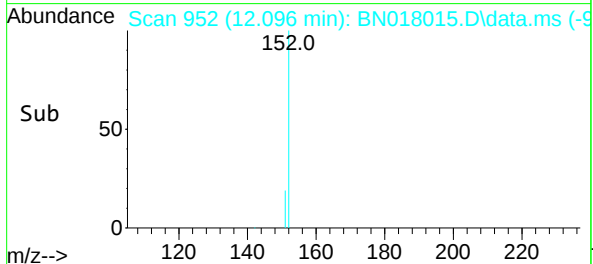
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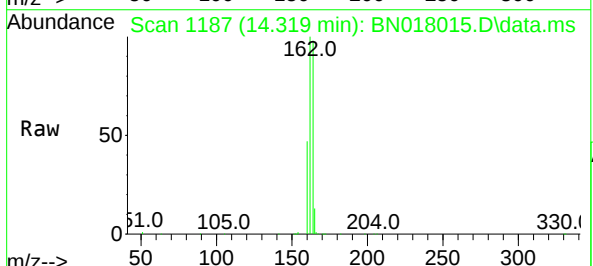
Tgt Ion:152 Resp: 6068
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2

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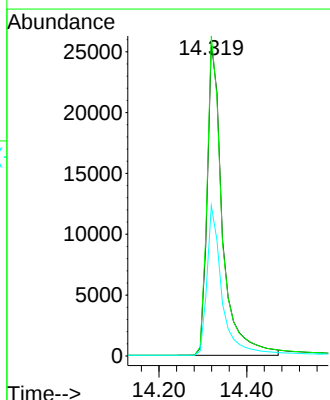
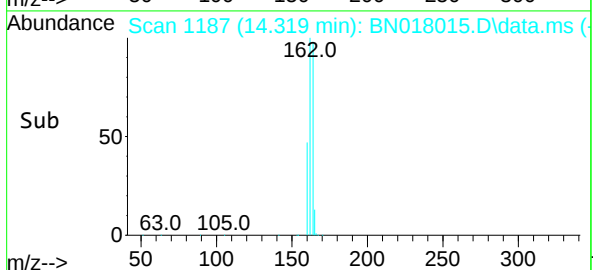
Reviewed By :Christian Giraldo 12/15/2021
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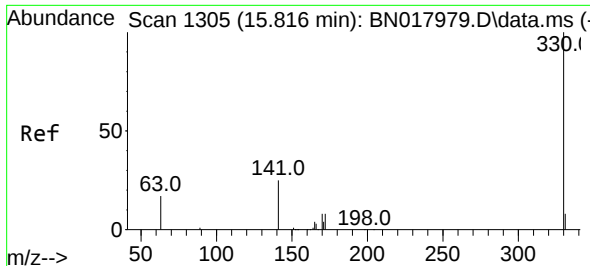


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.319 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07



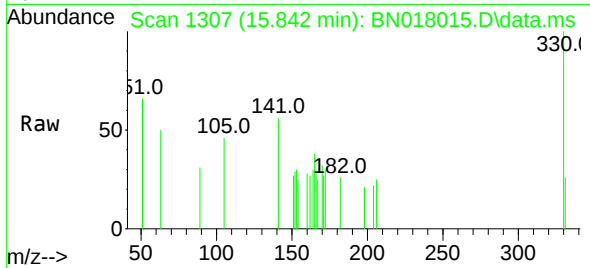
Tgt Ion:164 Resp: 61987
Ion Ratio Lower Upper
164 100
162 102.0 80.2 120.2
160 47.9 36.9 55.3





#14
2,4,6-Tribromophenol
Concen: 0.209 ng m
RT: 15.842 min Scan# 11
Delta R.T. 0.026 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

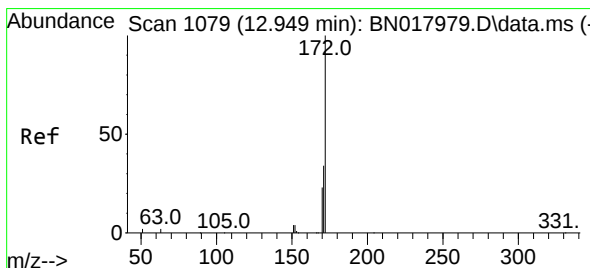
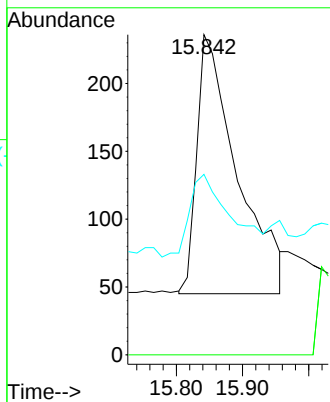
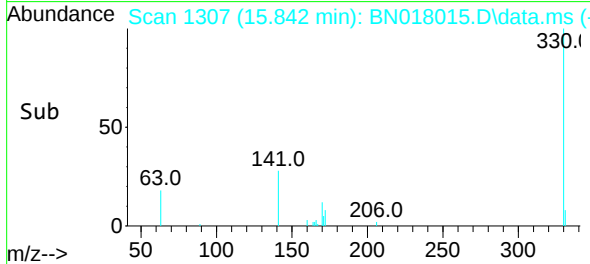
Instrument :
BNA_N
ClientSampleId :
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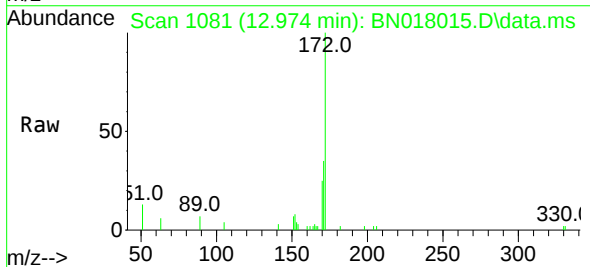
Tgt Ion:330 Resp: 800
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.7 21.3 31.9

Manual Integrations
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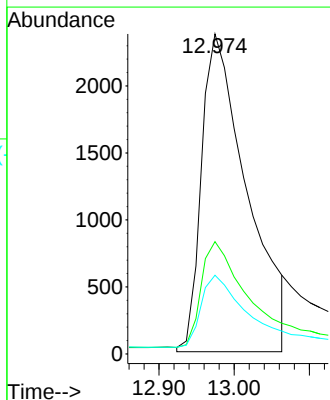
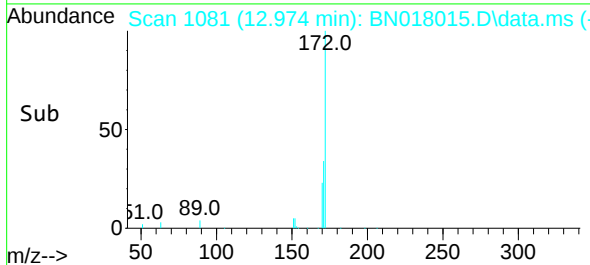
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

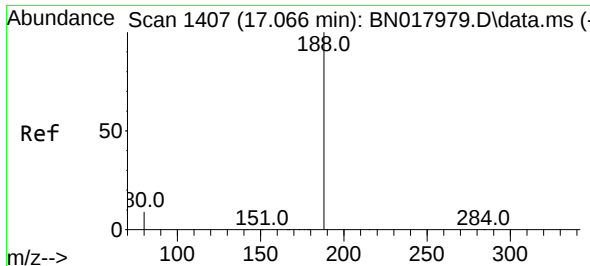


#15
2-Fluorobiphenyl
Concen: 0.046 ng m
RT: 12.974 min Scan# 1081
Delta R.T. 0.025 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07



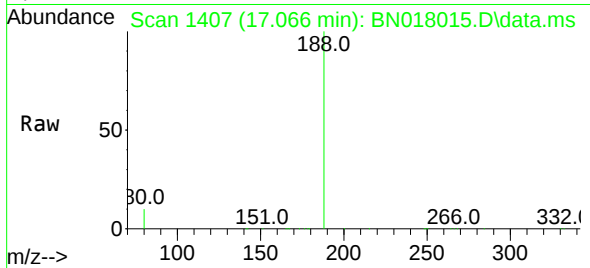
Tgt Ion:172 Resp: 10021
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 24.6 18.4 27.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

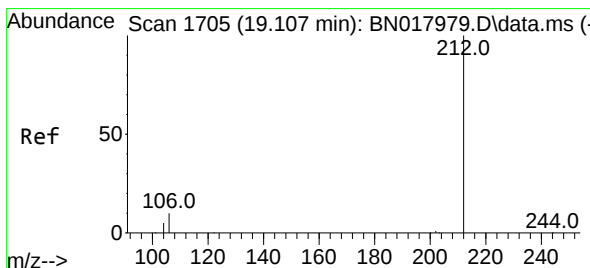
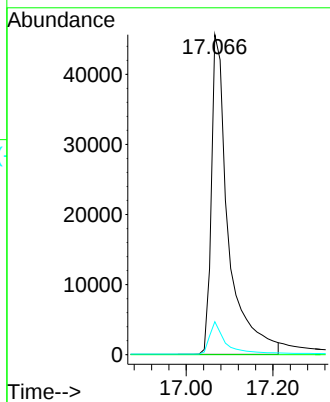
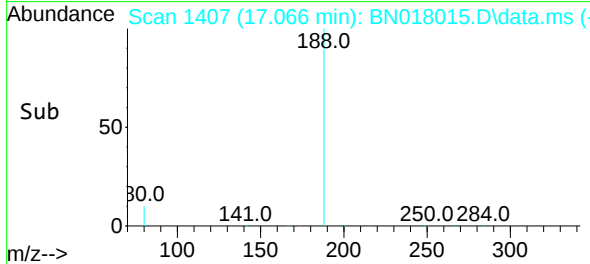
Instrument :
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Tgt Ion:188 Resp: 12421
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 10.3 7.0 10.4

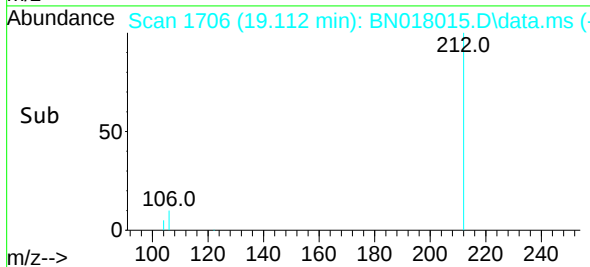
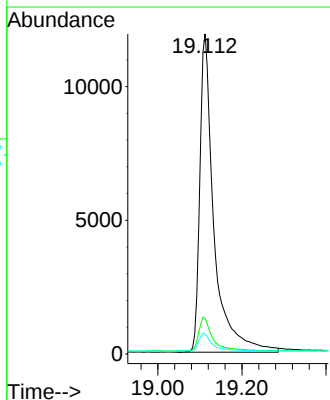
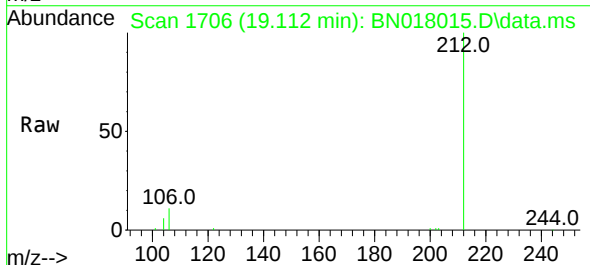
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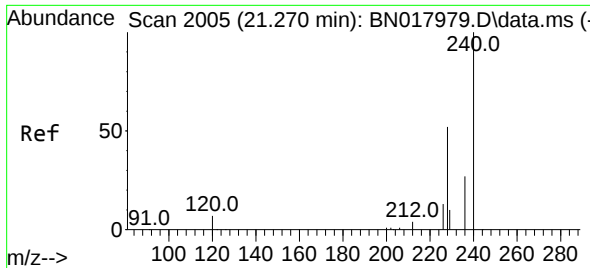
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#27
Fluoranthene-d10
Concen: 0.067 ng
RT: 19.112 min Scan# 1706
Delta R.T. 0.005 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

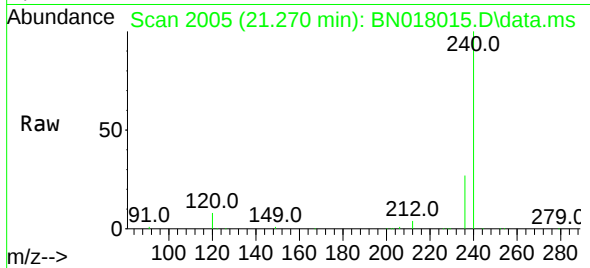
Tgt Ion:212 Resp: 27950
Ion Ratio Lower Upper
212 100
106 10.2 8.4 12.6
104 5.5 4.5 6.7





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

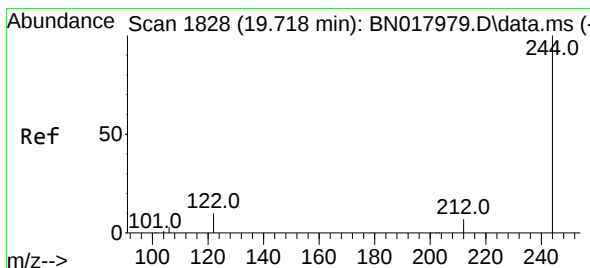
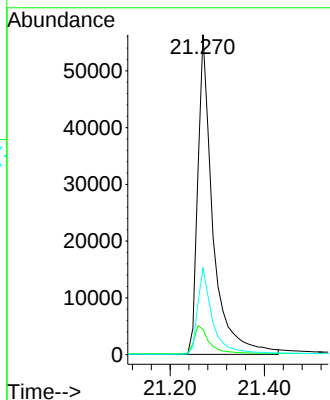
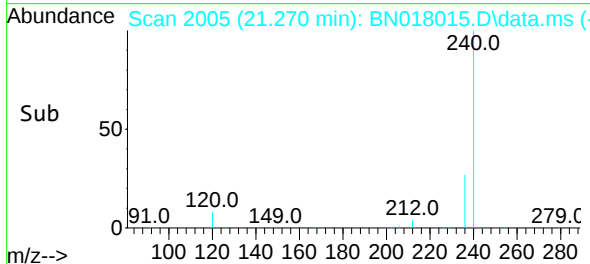
Instrument :
BNA_N
ClientSampleId :
RE134D2-20211202DL



Tgt Ion:240 Resp: 124524
Ion Ratio Lower Upper
240 100
120 7.9 6.0 9.0
236 27.0 21.4 32.2

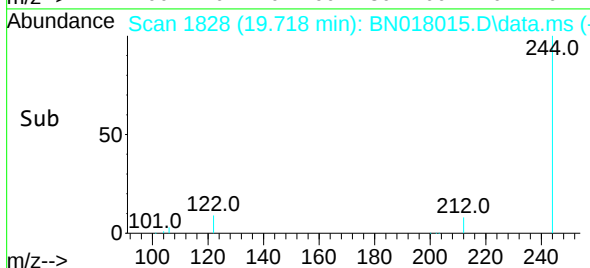
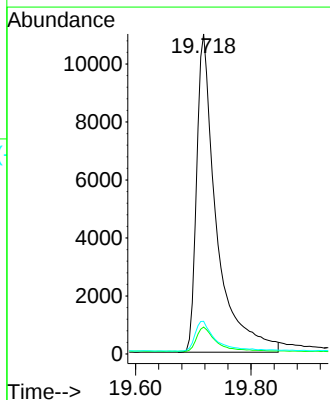
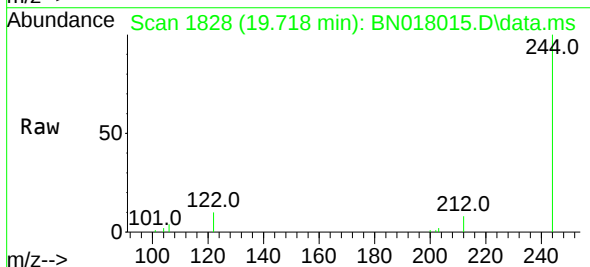
Manual Integrations
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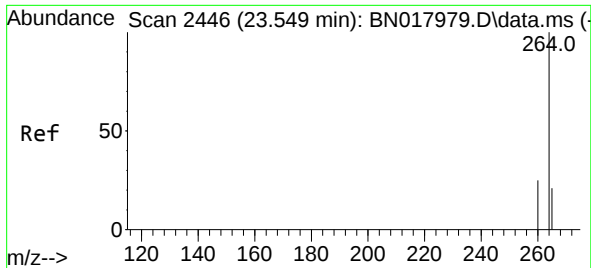
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021



#31
Terphenyl-d14
Concen: 0.101 ng
RT: 19.718 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BN018015.D
Acq: 14 Dec 2021 23:07

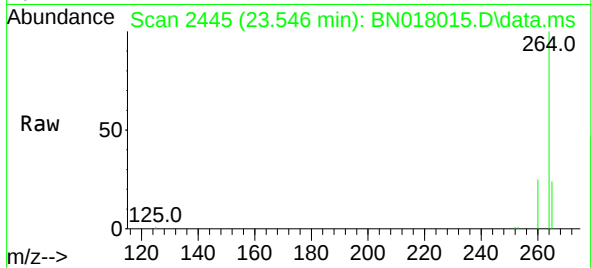
Tgt Ion:244 Resp: 26258
Ion Ratio Lower Upper
244 100
212 8.4 6.2 9.2
122 10.2 7.9 11.9





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.546 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: BN018015.D
 Acq: 14 Dec 2021 23:07

Instrument :
 BNA_N
 ClientSampleId :
 RE134D2-20211202DL



Tgt Ion:264 Resp: 113270
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.2 30.4
 265 24.0 18.2 27.2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/15/2021
 Supervised By :Jagrut Upadhyay 12/15/2021

