

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
 Data File : BN017965.D
 Acq On : 13 Dec 2021 10:44
 Operator : CG/JU
 Sample : PB141193BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141193BL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/14/2021
 Supervised By : Jagrut Upadhyay 12/14/2021

Quant Time: Dec 14 03:40:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	24480	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	84825	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	48901	0.400	ng	0.01
19) Phenanthrene-d10	17.117	188	86905	0.400	ng	0.02
29) Chrysene-d12	21.303	240	49763	0.400	ng	# 0.01
35) Perylene-d12	23.602	264	35461	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	13894	0.275	ng	0.02
5) Phenol-d6	6.903	99	9523	0.190	ng	0.00
8) Nitrobenzene-d5	8.859	82	14892	0.269	ng	0.00
11) 2-Methylnaphthalene-d10	12.107	152	38936	0.261	ng	0.02
14) 2,4,6-Tribromophenol	15.895	330	1016m	0.371	ng	0.05
15) 2-Fluorobiphenyl	12.989	172	46711m	0.271	ng	0.03
27) Fluoranthene-d10	19.144	212	85990	0.305	ng	0.01
31) Terphenyl-d14	19.750	244	59335	0.484	ng	0.00

Target Compounds Qvalue

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

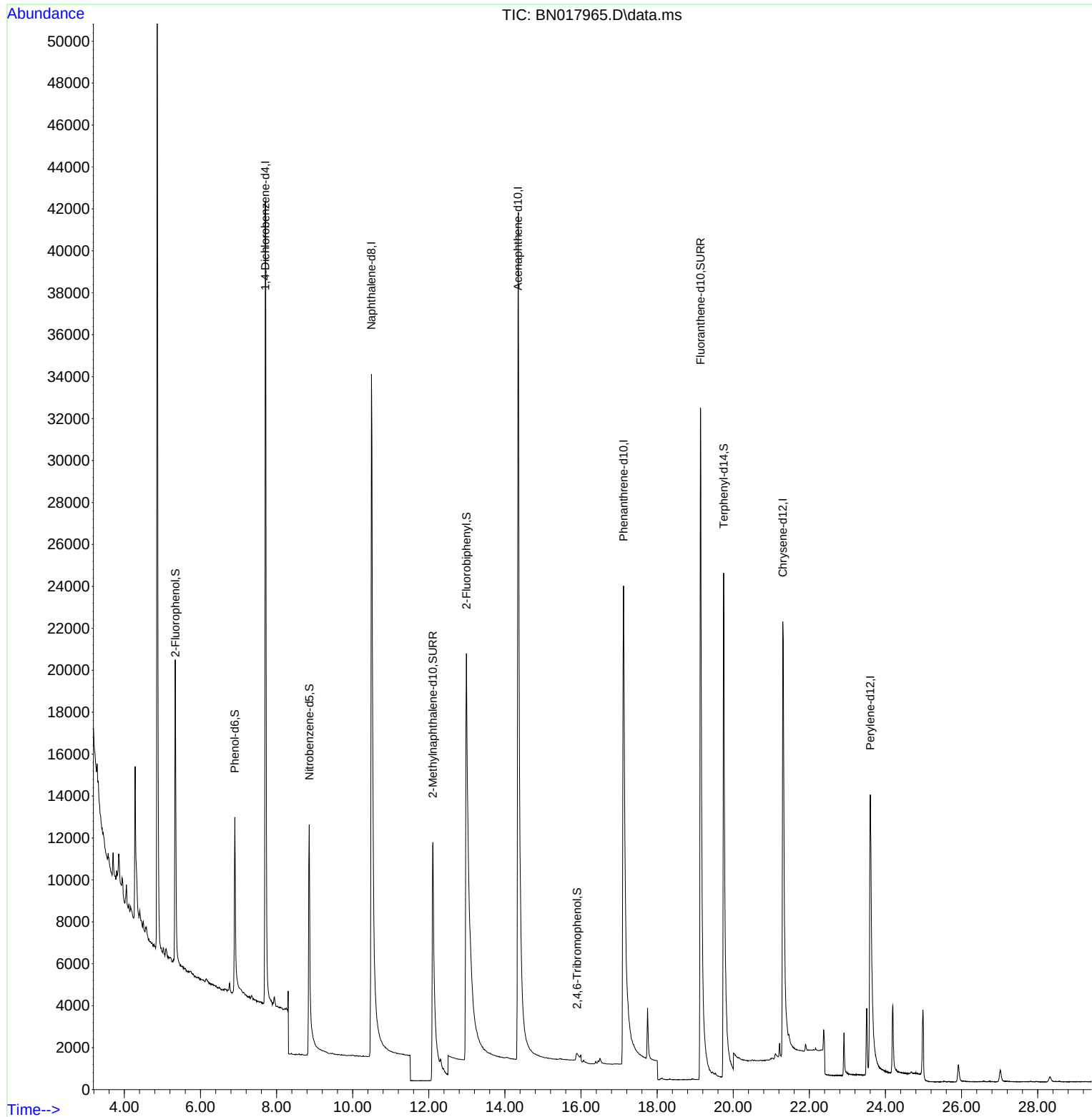
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017965.D
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Misc :
ALS Vial : 3 Sample Multiplier: 1

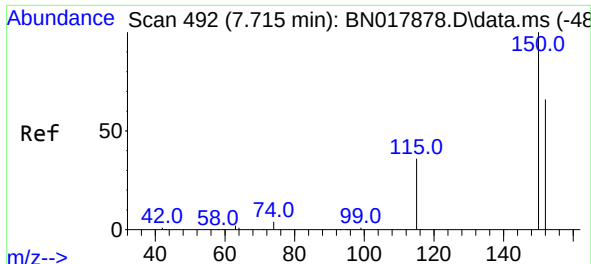
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.705 min Scan# 491
Delta R.T. -0.010 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

Instrument :

BNA_N

ClientSampleId :

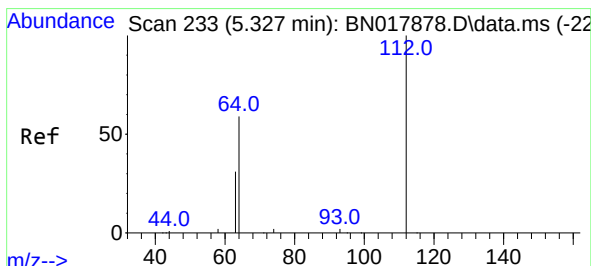
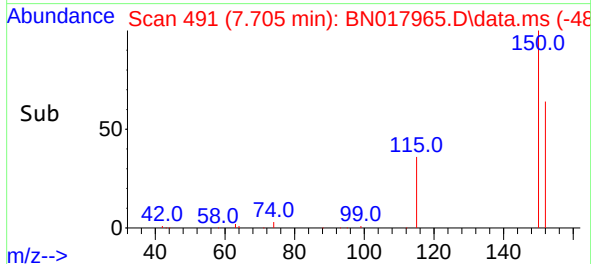
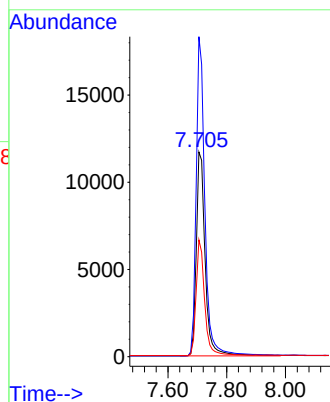
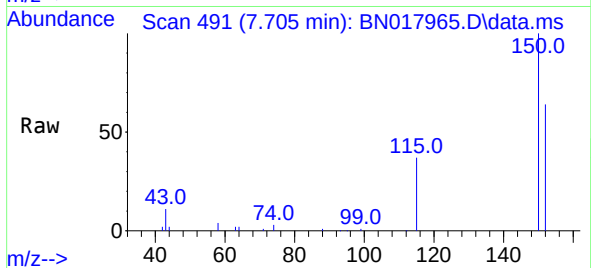
PB141193BL

Tgt Ion:152 Resp: 24480
Ion Ratio Lower Upper
152 100
150 156.4 121.9 182.9
115 57.1 44.1 66.1

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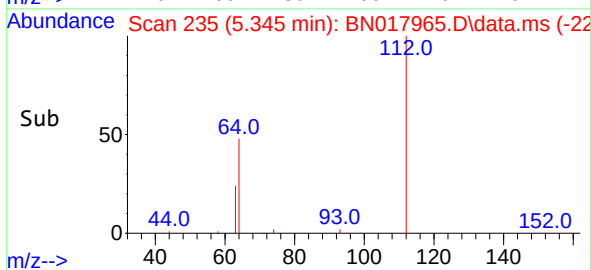
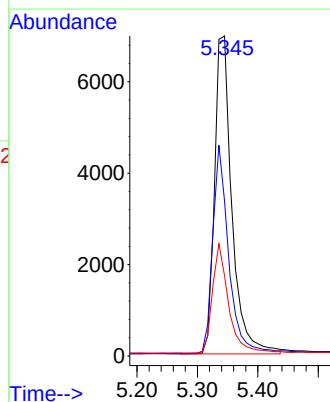
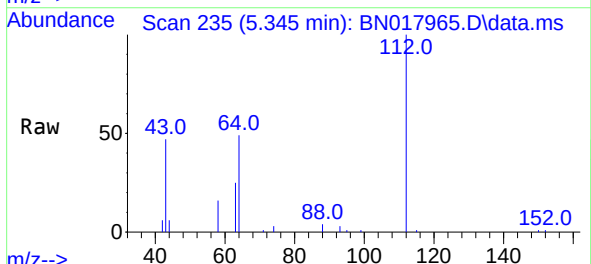
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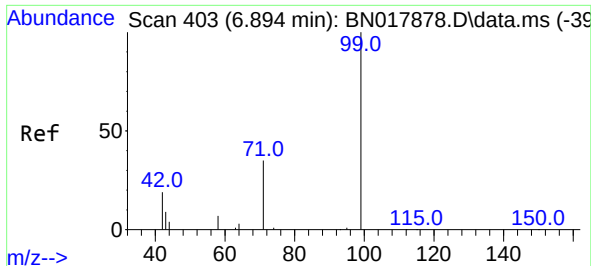
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#4
2-Fluorophenol
Concen: 0.275 ng
RT: 5.345 min Scan# 235
Delta R.T. 0.018 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

Tgt Ion:112 Resp: 13894
Ion Ratio Lower Upper
112 100
64 60.1 49.0 73.4
63 31.9 26.2 39.2





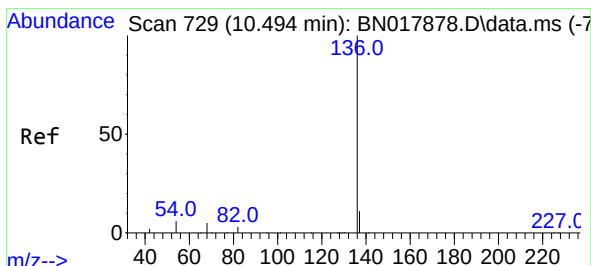
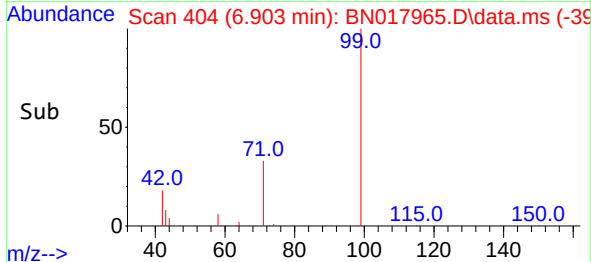
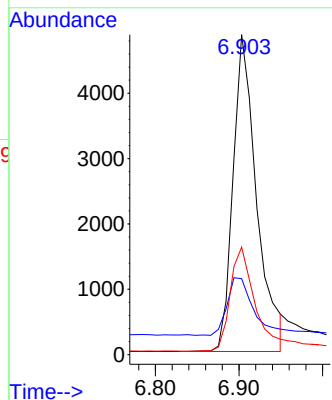
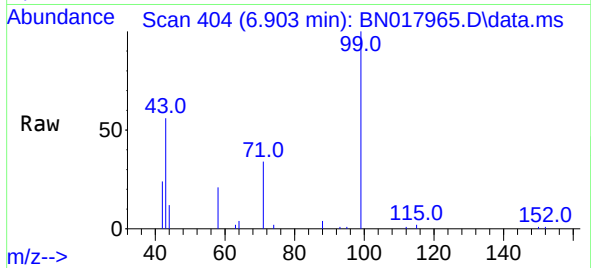
#5
Phenol-d6
Concen: 0.190 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

Instrument :
BNA_N
ClientSampleId :
PB141193BL

Tgt Ion: 99 Resp: 952
Ion Ratio Lower Upper
99 100
42 20.0 17.0 25.4
71 34.1 28.0 42.0

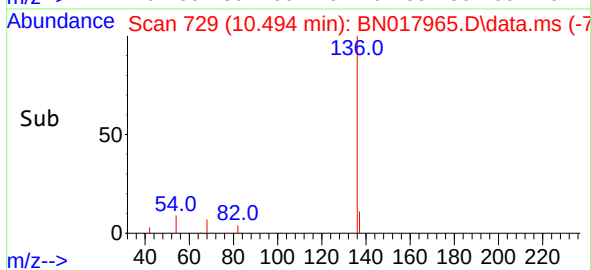
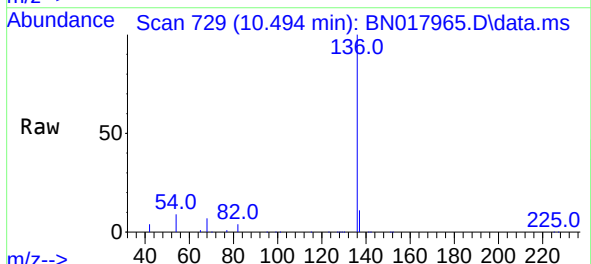
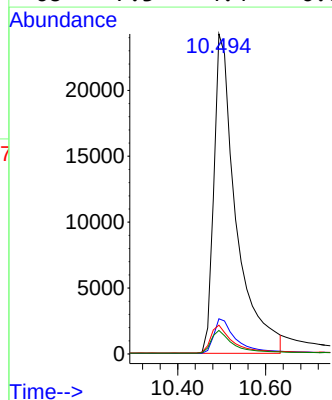
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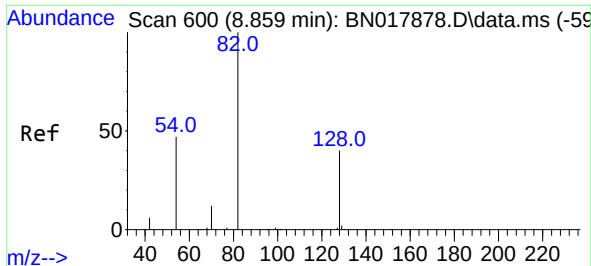
Reviewed By :Christian Giraldo 12/14/2021
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

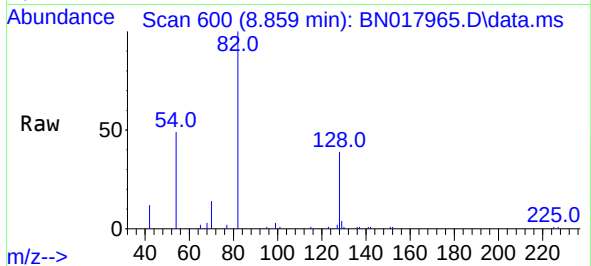
Tgt Ion:136 Resp: 84825
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.0 5.1 7.7#
68 7.3 4.4 6.6#





#8
Nitrobenzene-d5
Concen: 0.269 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

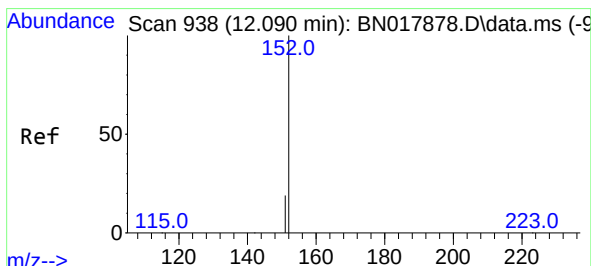
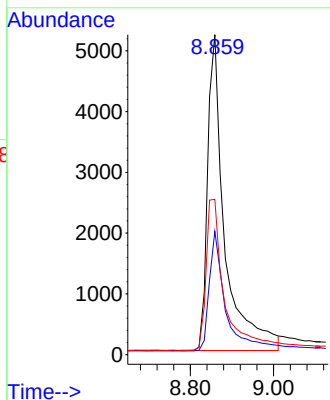
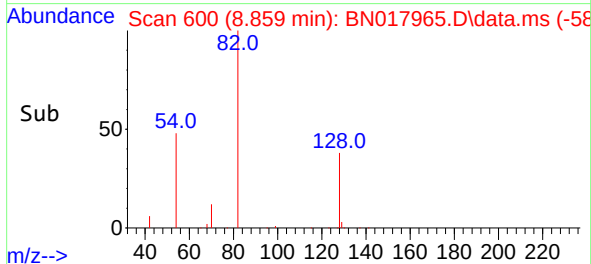
Instrument :
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ClientSampleId :
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Tgt Ion: 82 Resp: 14892
Ion Ratio Lower Upper
82 100
128 38.5 32.2 48.4
54 48.6 37.6 56.4

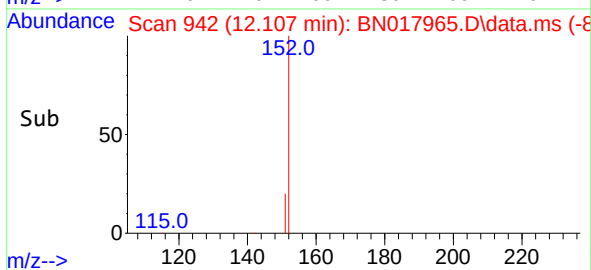
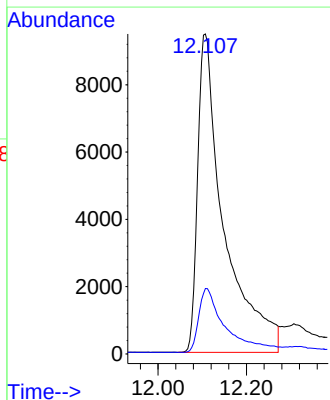
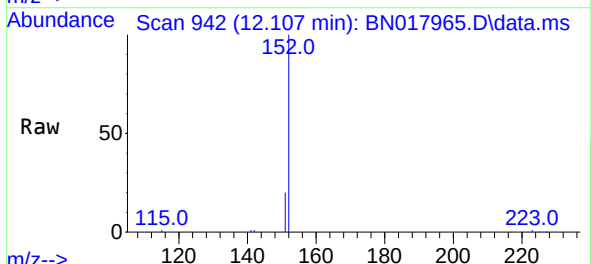
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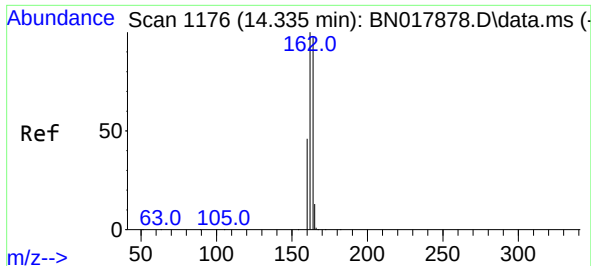
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#11
2-Methylnaphthalene-d10
Concen: 0.261 ng
RT: 12.107 min Scan# 942
Delta R.T. 0.018 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

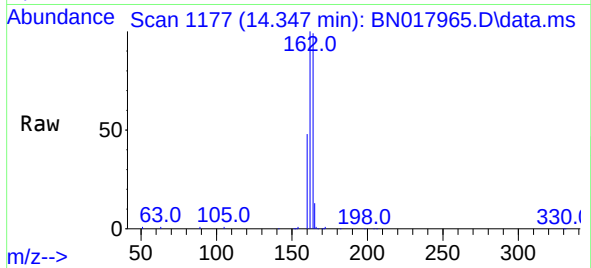
Tgt Ion:152 Resp: 38936
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1176
Delta R.T. 0.012 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

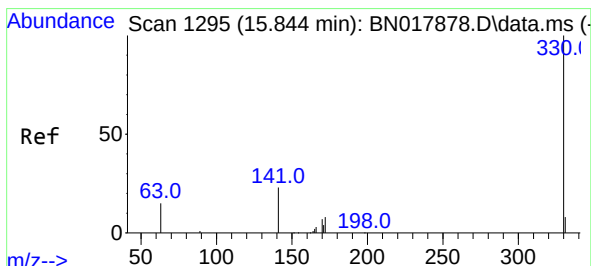
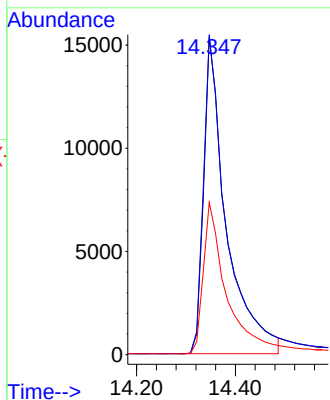
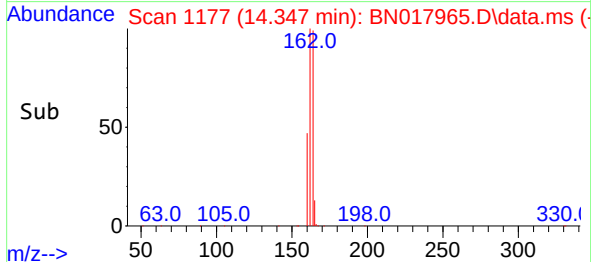
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ClientSampleId :
PB141193BL



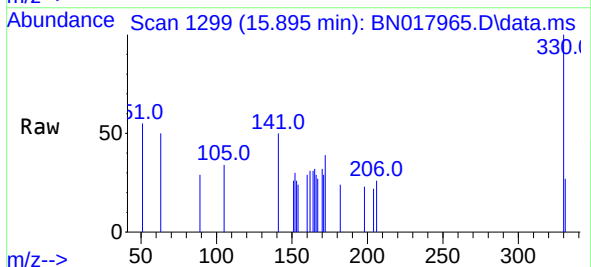
Tgt Ion:164 Resp: 4890
Ion Ratio Lower Upper
164 100
162 100.9 82.1 123.1
160 48.1 38.2 57.2

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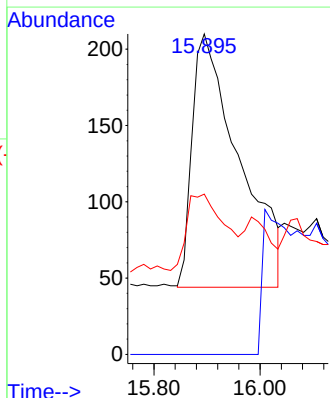
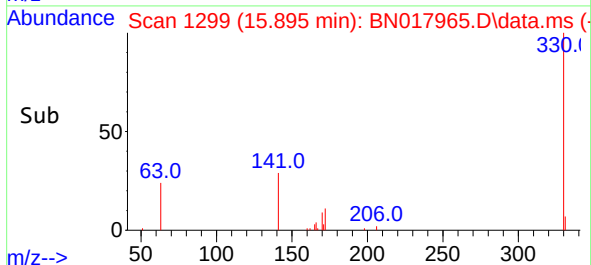
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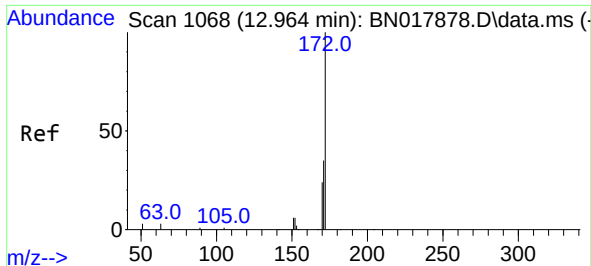


#14
2,4,6-Tribromophenol
Concen: 0.371 ng m
RT: 15.895 min Scan# 1299
Delta R.T. 0.051 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44



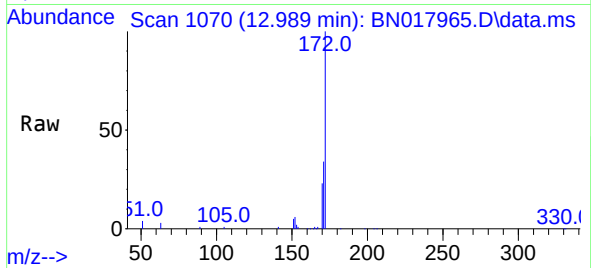
Tgt Ion:330 Resp: 1016
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 24.3 19.7 29.5





#15
2-Fluorobiphenyl
Concen: 0.271 ng m
RT: 12.989 min Scan# 1068
Delta R.T. 0.025 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

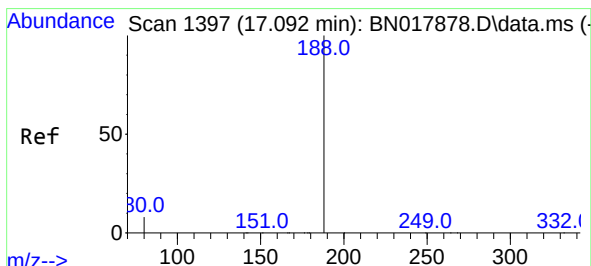
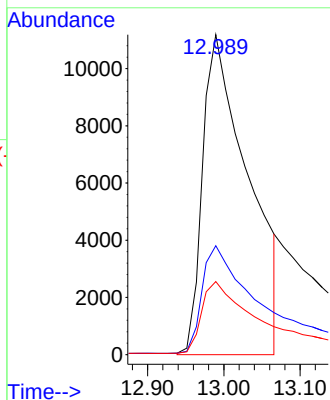
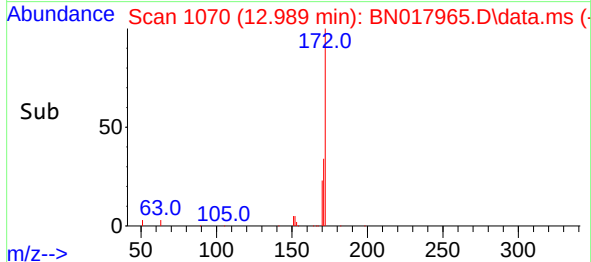
Instrument :
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PB141193BL



Tgt Ion:172 Resp: 4671
Ion Ratio Lower Upper
172 100
171 34.0 28.3 42.5
170 22.9 19.1 28.7

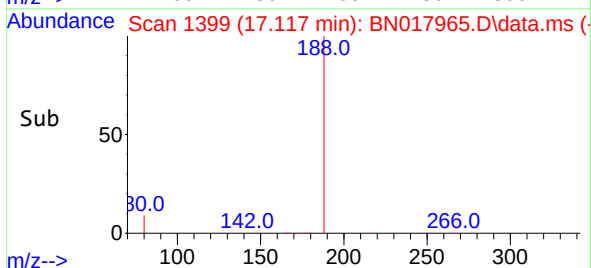
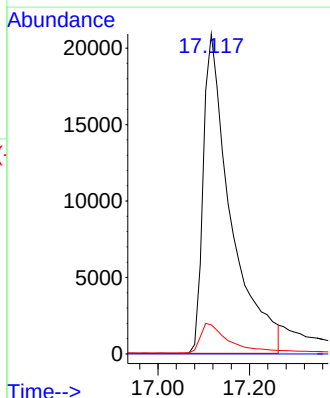
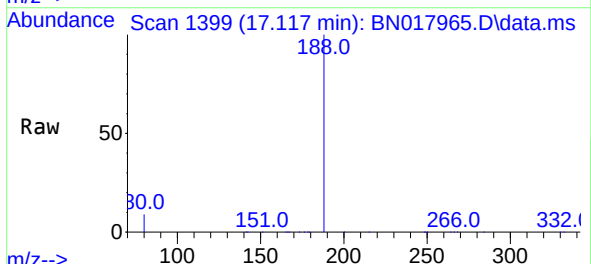
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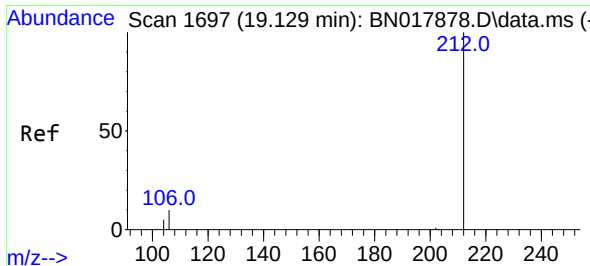
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 1399
Delta R.T. 0.024 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

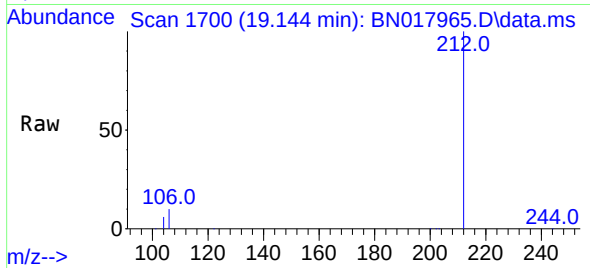
Tgt Ion:188 Resp: 86905
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.1 6.2 9.2





#27
Fluoranthene-d10
Concen: 0.305 ng
RT: 19.144 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

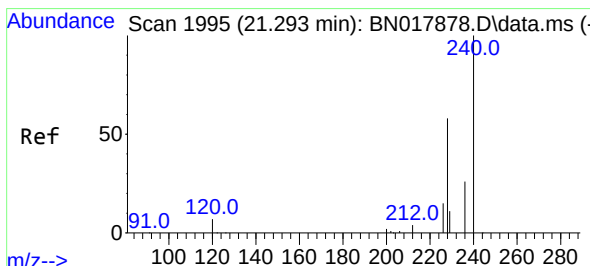
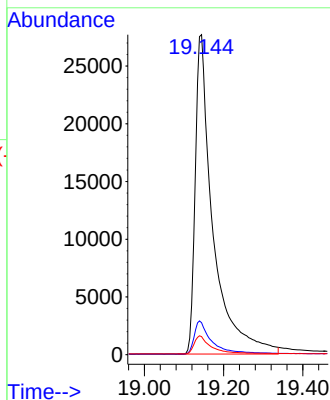
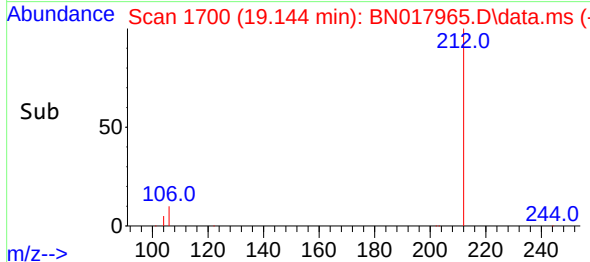
Instrument :
BNA_N
ClientSampleId :
PB141193BL



Tgt Ion:212 Resp: 85990
Ion Ratio Lower Upper
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106 10.4 8.3 12.5
104 5.7 4.6 6.8

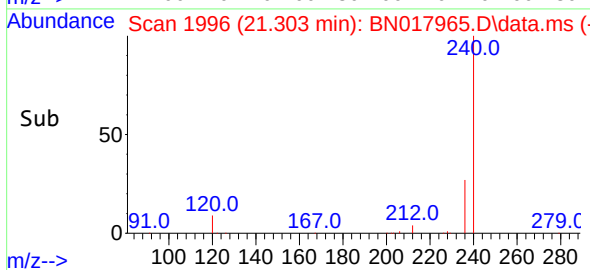
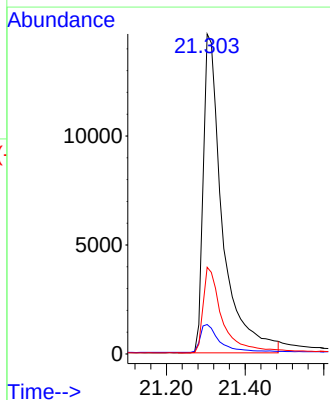
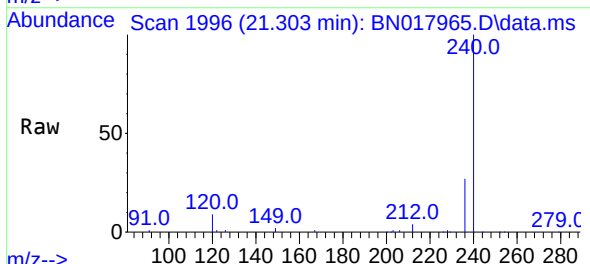
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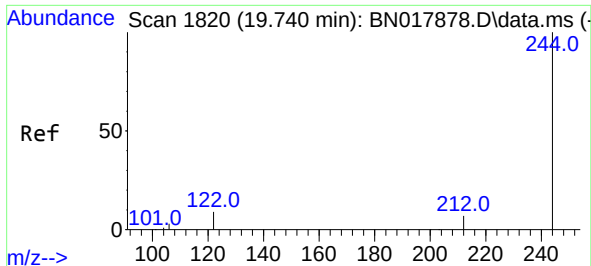
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#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 1996
Delta R.T. 0.010 min
Lab File: BN017965.D
Acq: 13 Dec 2021 10:44

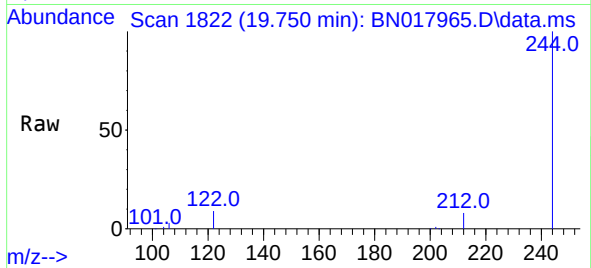
Tgt Ion:240 Resp: 49763
Ion Ratio Lower Upper
240 100
120 9.2 5.8 8.8#
236 27.1 21.0 31.6





#31
 Terphenyl-d14
 Concen: 0.484 ng
 RT: 19.750 min Scan# 1822
 Delta R.T. 0.010 min
 Lab File: BN017965.D
 Acq: 13 Dec 2021 10:44

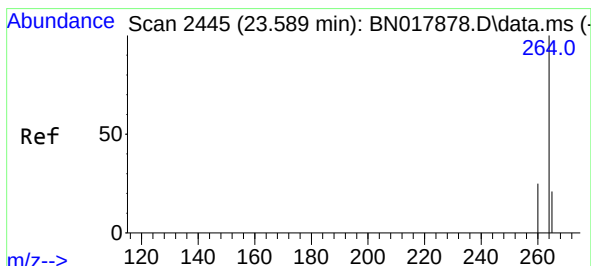
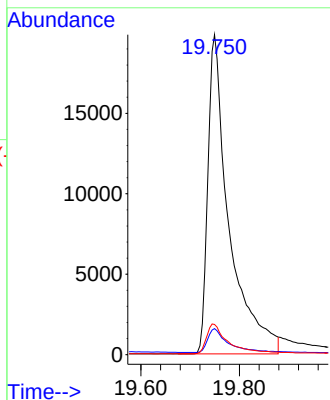
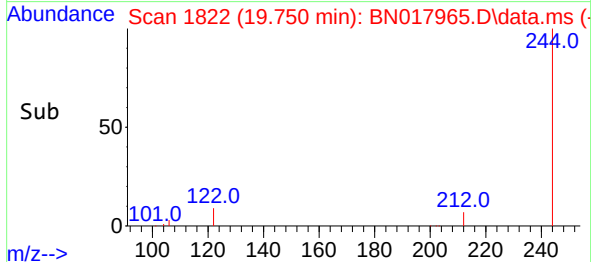
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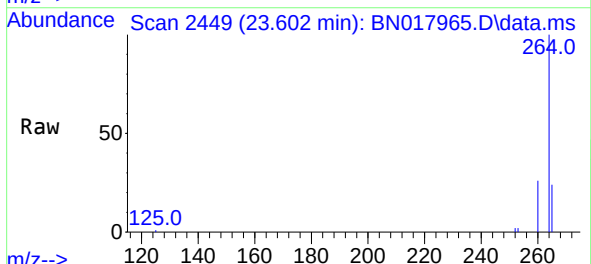
Tgt Ion:244 Resp: 5933
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.2 9.2
 122 9.4 7.5 11.3

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#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.602 min Scan# 2449
 Delta R.T. 0.013 min
 Lab File: BN017965.D
 Acq: 13 Dec 2021 10:44



Tgt Ion:264 Resp: 35461
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.2 30.4
 265 23.8 18.2 27.4

