

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
 Data File : BN019128.D
 Acq On : 24 Mar 2022 16:20
 Operator : CG/JU
 Sample : N2074-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-MW01S-20220320

Quant Time: Mar 25 04:29:21 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/25/2022
 Supervised By :Jagrut Upadhyay 03/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3709	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	9109	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	5471	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	10346	0.400	ng	0.00
29) Chrysene-d12	21.422	240	7828	0.400	ng	# 0.00
35) Perylene-d12	23.790	264	6175	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	975	0.117	ng	0.00
5) Phenol-d6	7.031	99	374	0.043	ng	0.02
8) Nitrobenzene-d5	9.025	82	1463m	0.223	ng	0.01
11) 2-Methylnaphthalene-d10	12.257	152	4219	0.279	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	462	0.175	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	7196	0.328	ng	0.00
27) Fluoranthene-d10	19.265	212	13005	0.424	ng	0.00
31) Terphenyl-d14	19.860	244	7573	0.394	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.247	88	2811	0.613	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.324	149	1471	0.092	ng	# 98

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

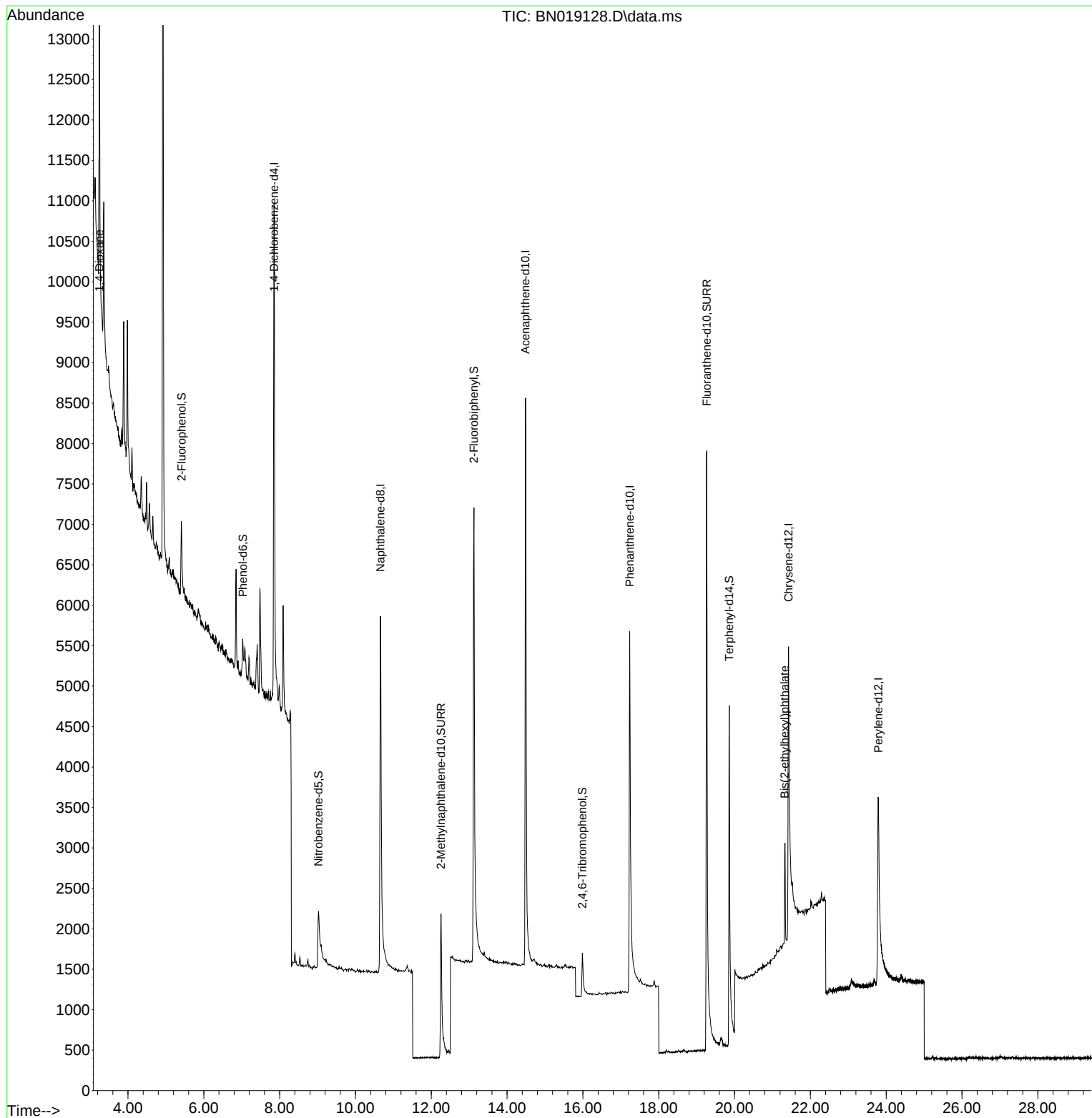
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
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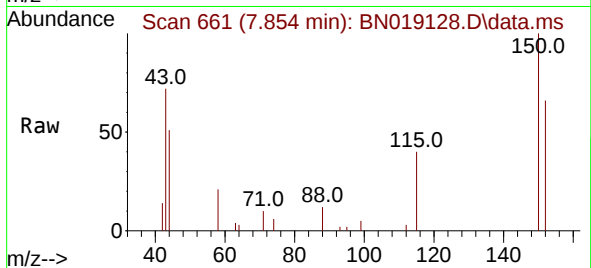
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

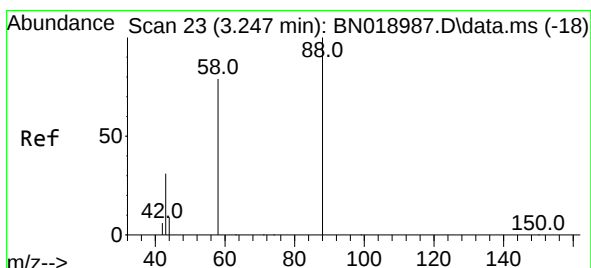
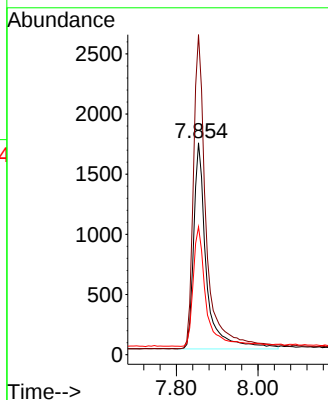
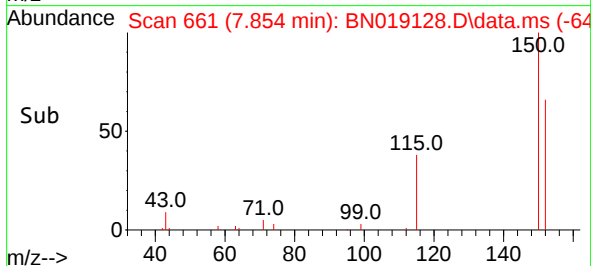
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20220320



Tgt Ion: 152 Resp: 3709
Ion Ratio Lower Upper
152 100
150 151.1 123.9 185.9
115 60.4 48.2 72.4

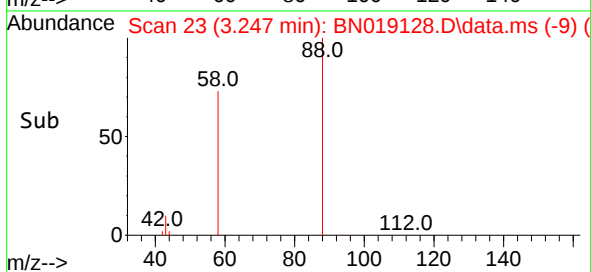
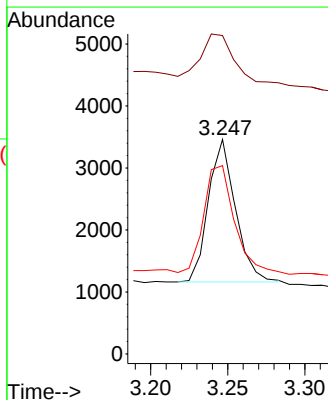
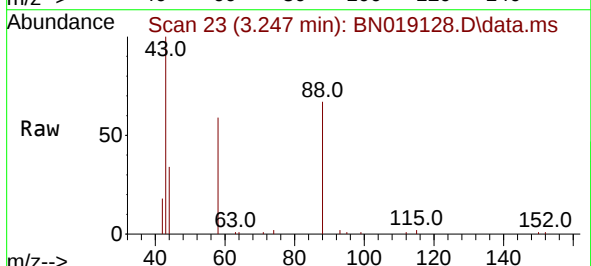
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#2
1,4-Dioxane
Concen: 0.613 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

Tgt Ion: 88 Resp: 2811
Ion Ratio Lower Upper
88 100
43 41.2 24.6 37.0#
58 83.7 65.4 98.2





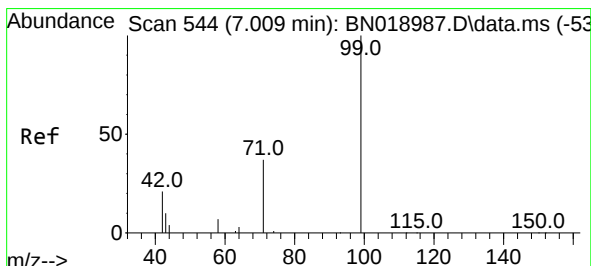
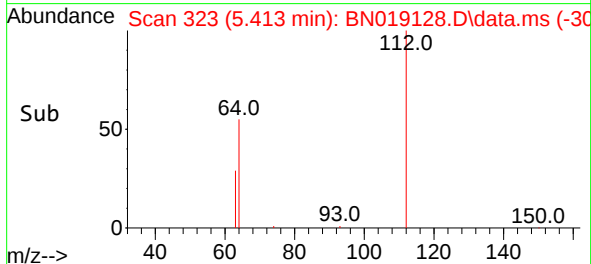
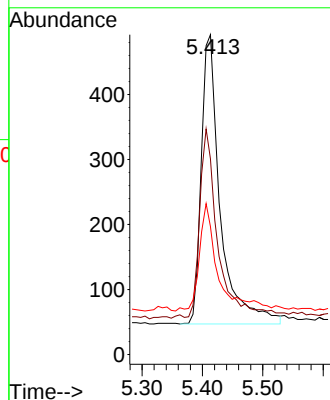
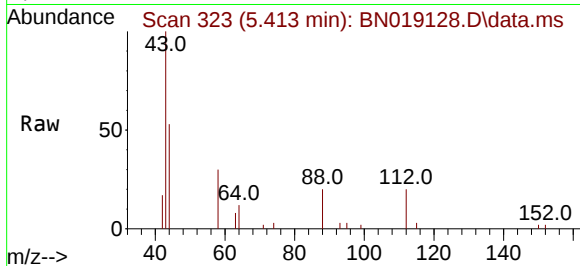
#4
2-Fluorophenol
Concen: 0.117 ng
RT: 5.413 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20220320

Tgt Ion:112 Resp: 97
Ion Ratio Lower Upper
112 100
64 63.3 47.8 71.8
63 36.8 25.7 38.5

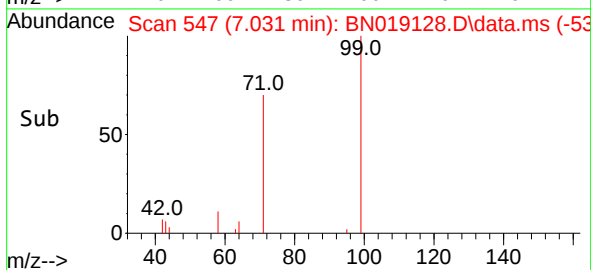
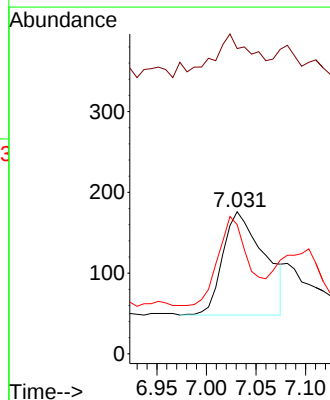
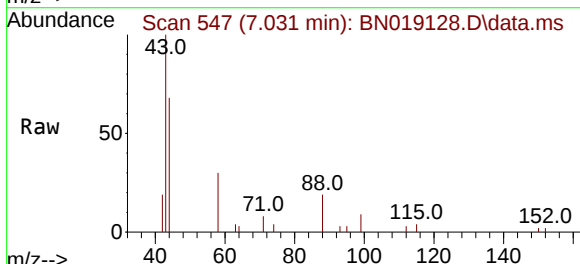
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#5
Phenol-d6
Concen: 0.043 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.022 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

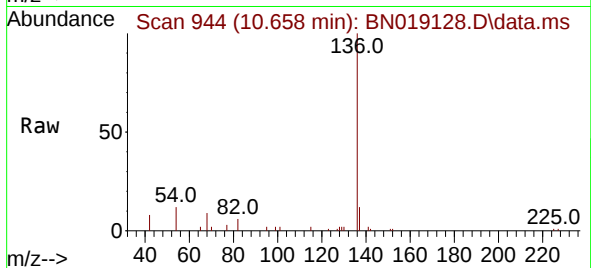
Tgt Ion: 99 Resp: 374
Ion Ratio Lower Upper
99 100
42 28.3 16.2 24.4#
71 63.4 27.7 41.5#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

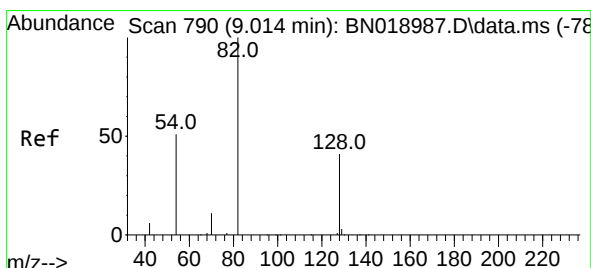
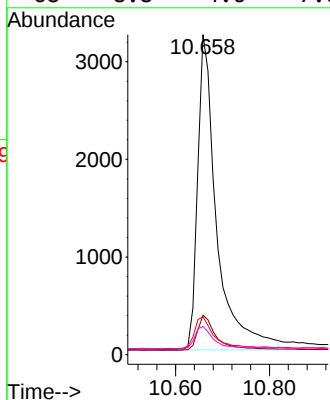
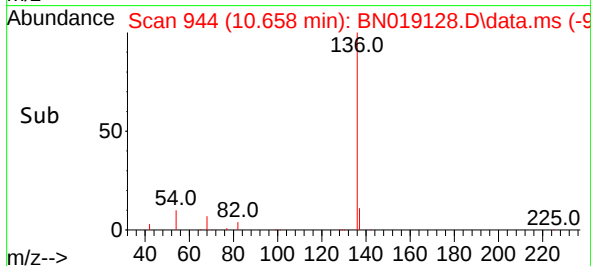
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20220320



Tgt Ion:	136	Resp:	910
Ion Ratio	Lower	Upper	
136	100		
137	12.3	9.0	13.4
54	11.9	5.8	8.6
68	8.8	4.6	7.0

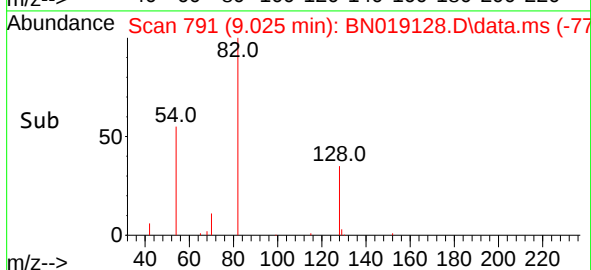
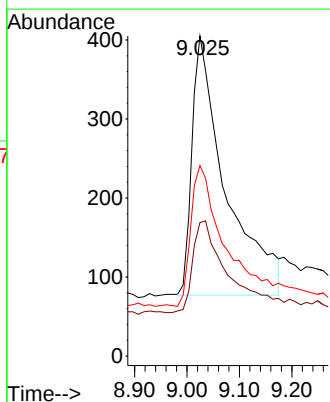
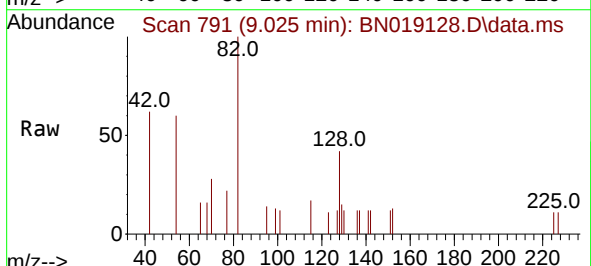
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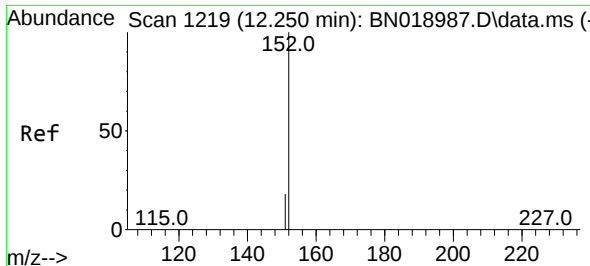
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#8
Nitrobenzene-d5
Concen: 0.223 ng m
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

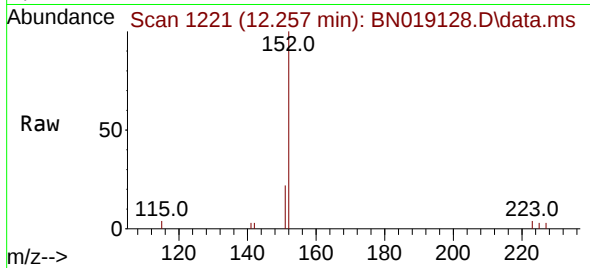
Tgt Ion:	82	Resp:	1463
Ion Ratio	Lower	Upper	
82	100		
128	41.7	33.0	49.6
54	59.5	42.5	63.7





#11
2-Methylnaphthalene-d10
Concen: 0.279 ng
RT: 12.257 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

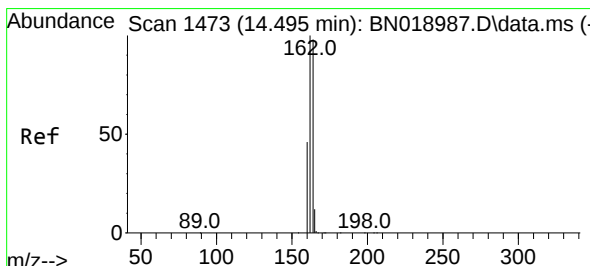
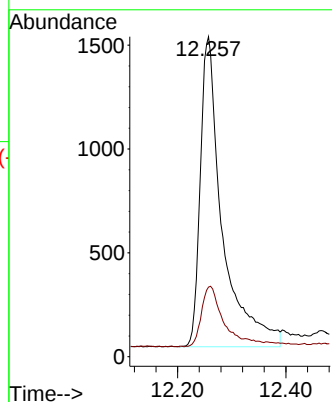
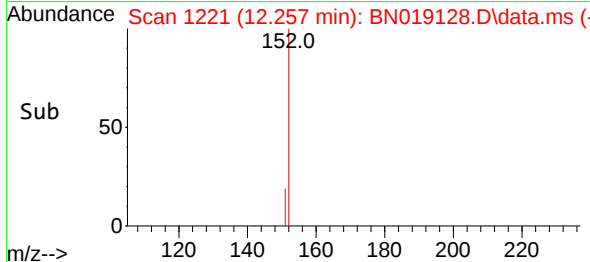
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20220320



Tgt Ion:152 Resp: 4219
Ion Ratio Lower Upper
152 100
151 20.1 16.5 24.7

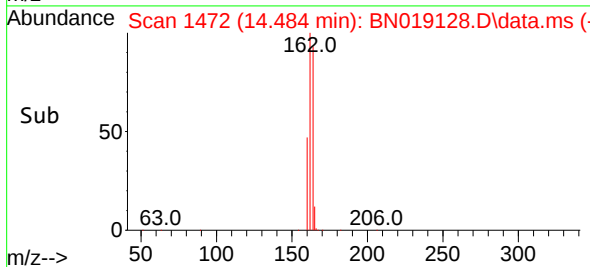
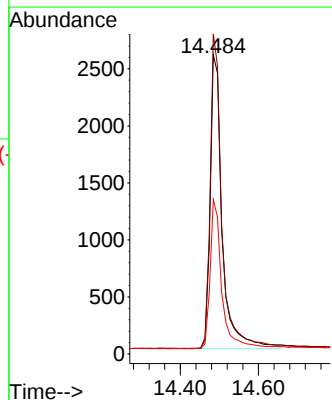
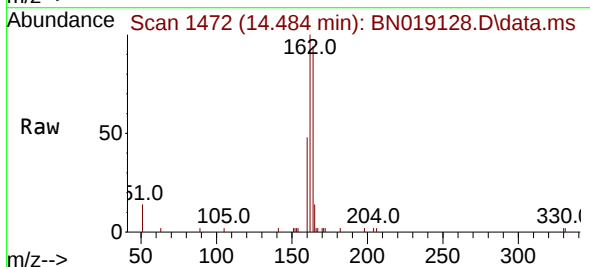
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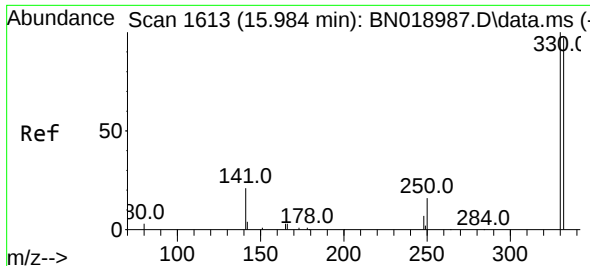
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

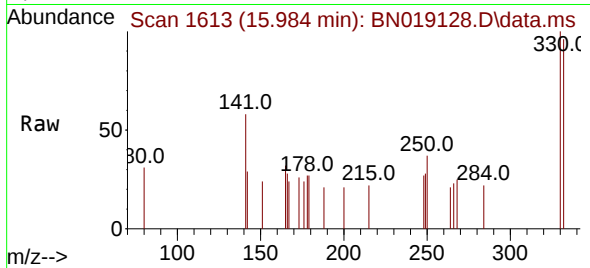
Tgt Ion:164 Resp: 5471
Ion Ratio Lower Upper
164 100
162 106.9 85.2 127.8
160 51.5 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.175 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

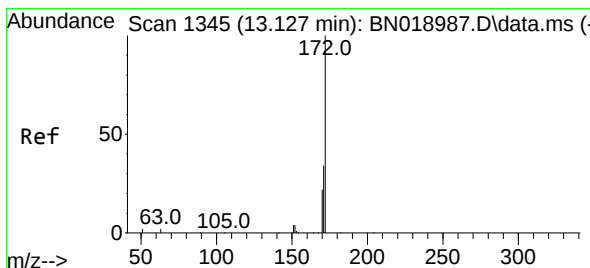
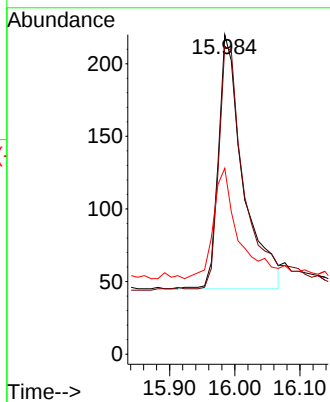
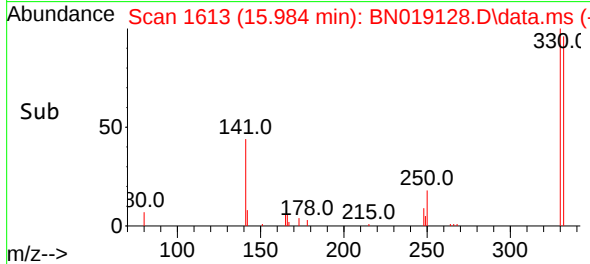
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20220320



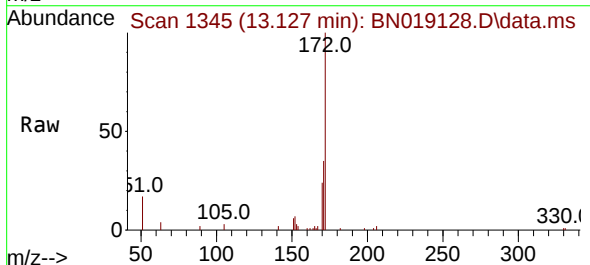
Tgt Ion: 330 Resp: 462
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 43.9 32.2 48.2

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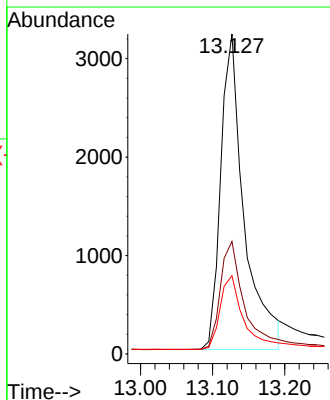
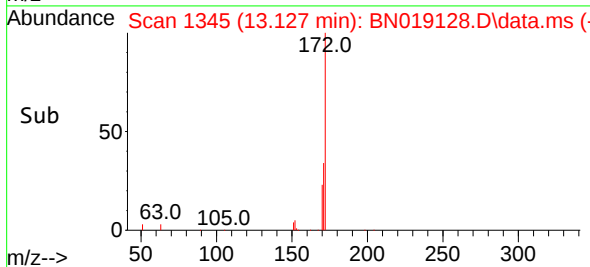
Reviewed By : Christian Giraldo 03/25/2022
Supervised By : Jagrut Upadhyay 03/25/2022

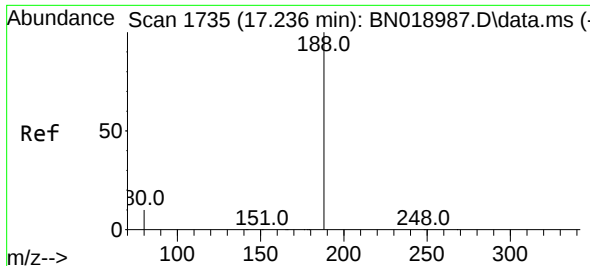


#15
2-Fluorobiphenyl
Concen: 0.328 ng
RT: 13.127 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20



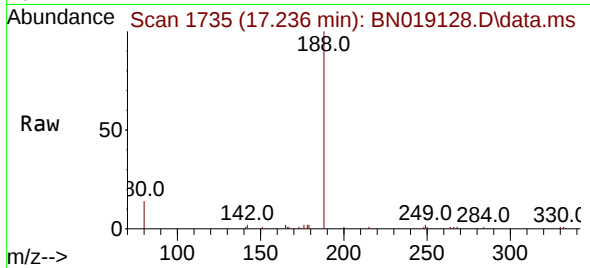
Tgt Ion: 172 Resp: 7196
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 24.5 18.7 28.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

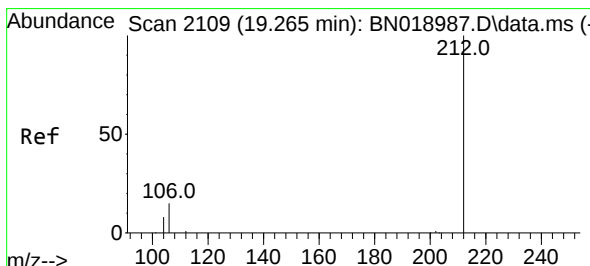
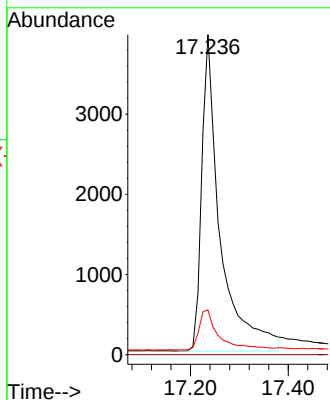
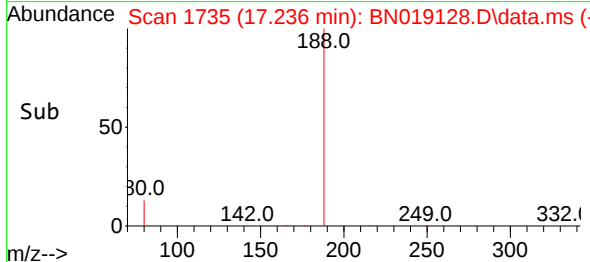
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20220320



Tgt Ion:188 Resp: 10340
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.0 11.8 17.8

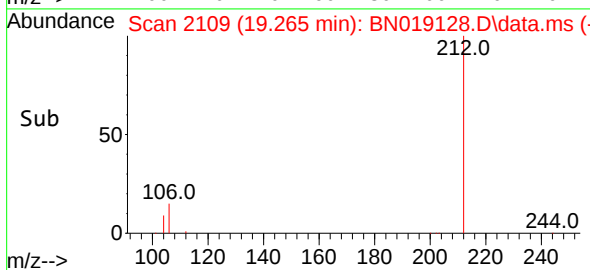
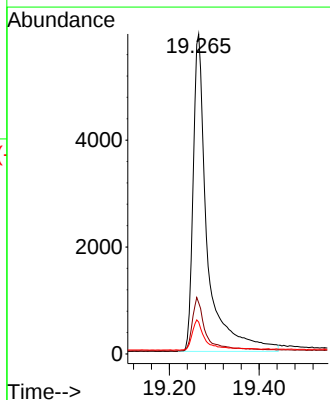
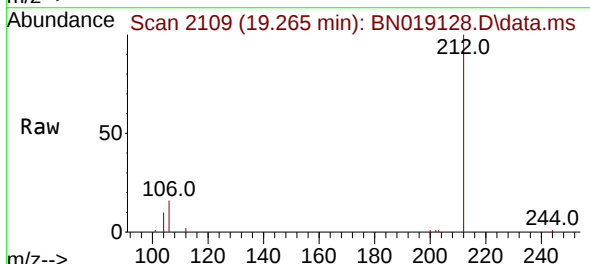
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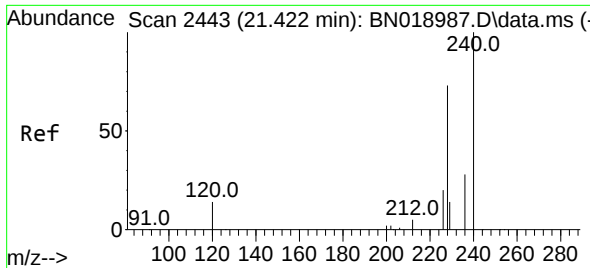
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#27
Fluoranthene-d10
Concen: 0.424 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

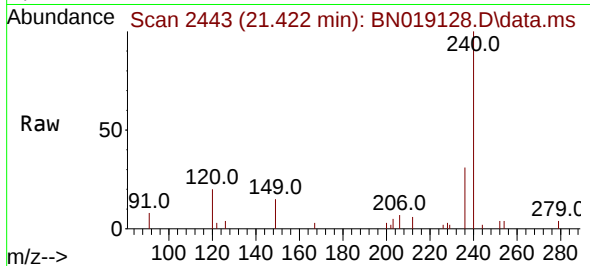
Tgt Ion:212 Resp: 13005
Ion Ratio Lower Upper
212 100
106 15.2 12.7 19.1
104 9.3 7.1 10.7





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

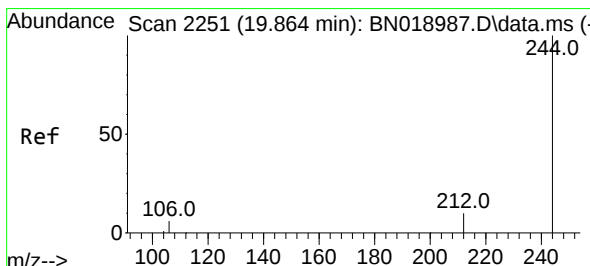
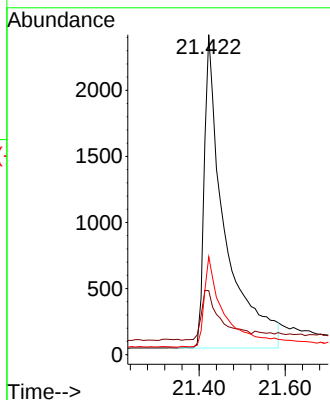
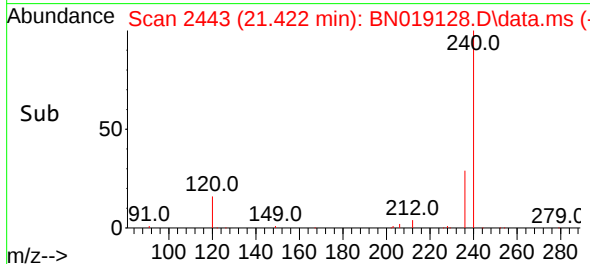
Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20220320



Tgt Ion:240 Resp: 7828
Ion Ratio Lower Upper
240 100
120 20.0 8.5 12.7
236 30.6 22.4 33.6

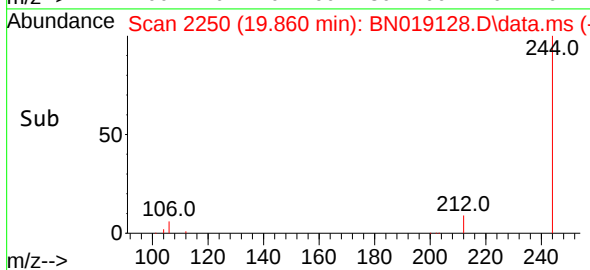
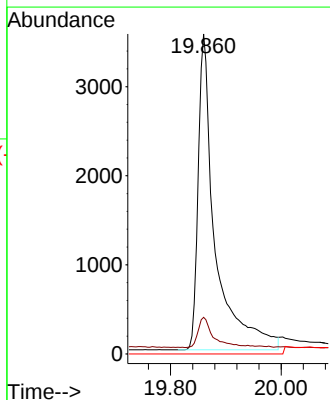
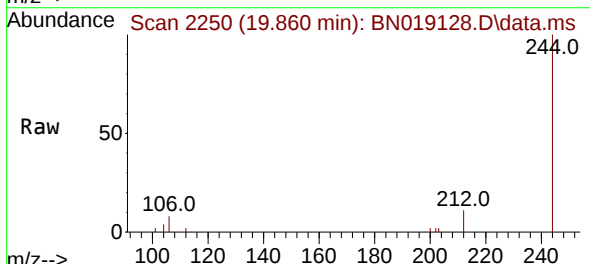
Manual Integrations
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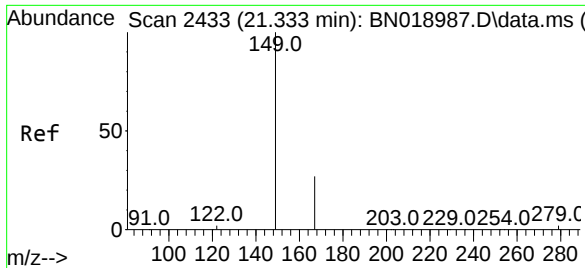
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.860 min Scan# 2250
Delta R.T. -0.004 min
Lab File: BN019128.D
Acq: 24 Mar 2022 16:20

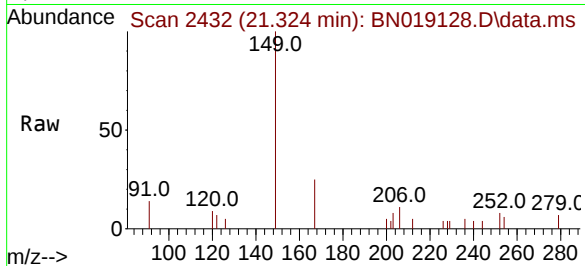
Tgt Ion:244 Resp: 7573
Ion Ratio Lower Upper
244 100
212 11.4 8.2 12.4
122 0.0 0.0 0.0





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.092 ng
 RT: 21.324 min Scan# 2433
 Delta R.T. -0.009 min
 Lab File: BN019128.D
 Acq: 24 Mar 2022 16:20

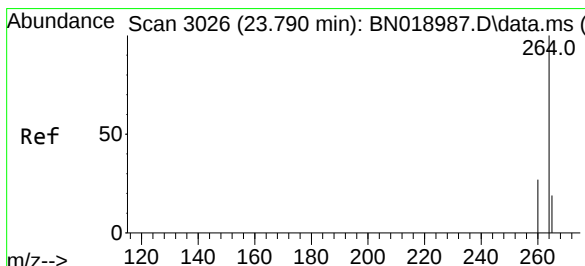
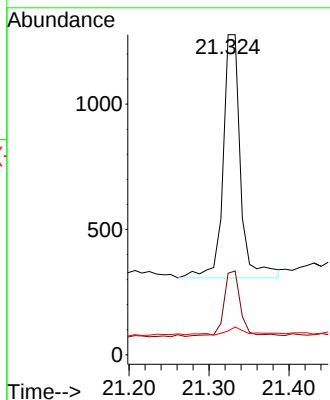
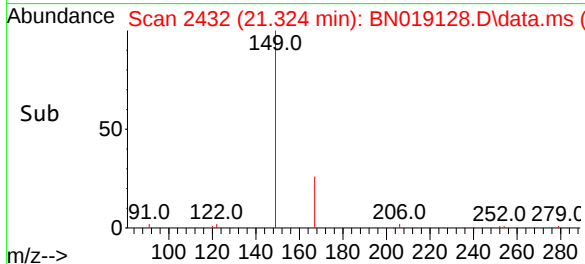
Instrument : BNA_N
 ClientSampleId : RW8-MW01S-20220320



Tgt Ion:149 Resp: 1470
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.8 32.8
 279 3.7 2.0 3.0

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/25/2022
 Supervised By :Jagrut Upadhyay 03/25/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.790 min Scan# 3026
 Delta R.T. -0.000 min
 Lab File: BN019128.D
 Acq: 24 Mar 2022 16:20

Tgt Ion:264 Resp: 6175
 Ion Ratio Lower Upper
 264 100
 260 29.6 22.4 33.6
 265 55.5 25.3 37.9

