

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
 Data File : BN024739.D
 Acq On : 03 Apr 2023 21:01
 Operator : CG/JU
 Sample : 02074-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-40-45-032323-FD

Quant Time: Apr 04 03:57:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 04 03:11:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/04/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.997	152	10224	0.400	ng	0.00
7) Naphthalene-d8	10.802	136	29923	0.400	ng	0.00
13) Acenaphthene-d10	14.632	164	16063	0.400	ng	0.00
19) Phenanthrene-d10	17.375	188	33794	0.400	ng	0.00
29) Chrysene-d12	21.565	240	21907	0.400	ng	# 0.00
35) Perylene-d12	24.035	264	16882	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.548	112	5345	0.230	ng	0.00
5) Phenol-d6	7.152	99	4413	0.151	ng	0.00
8) Nitrobenzene-d5	9.158	82	9778m	0.419	ng	0.00
11) 2-Methylnaphthalene-d10	12.391	152	16930	0.441	ng	0.00
14) 2,4,6-Tribromophenol	16.122	330	3696	0.535	ng	0.00
15) 2-Fluorobiphenyl	13.253	172	27794	0.443	ng	0.00
27) Fluoranthene-d10	19.404	212	35773	0.500	ng	0.00
31) Terphenyl-d14	19.994	244	37664	0.595	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.403	88	14527	1.376	ng	# 91
9) Naphthalene	10.855	128	1609	0.021	ng	# 84
12) 2-Methylnaphthalene	12.463	142	1569	0.030	ng	# 91
25) Phenanthrene	17.413	178	6933	0.071	ng	98
28) Fluoranthene	19.433	202	2605	0.025	ng	# 81
30) Pyrene	19.796	202	2046	0.022	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.457	149	3291	0.105	ng	# 90

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

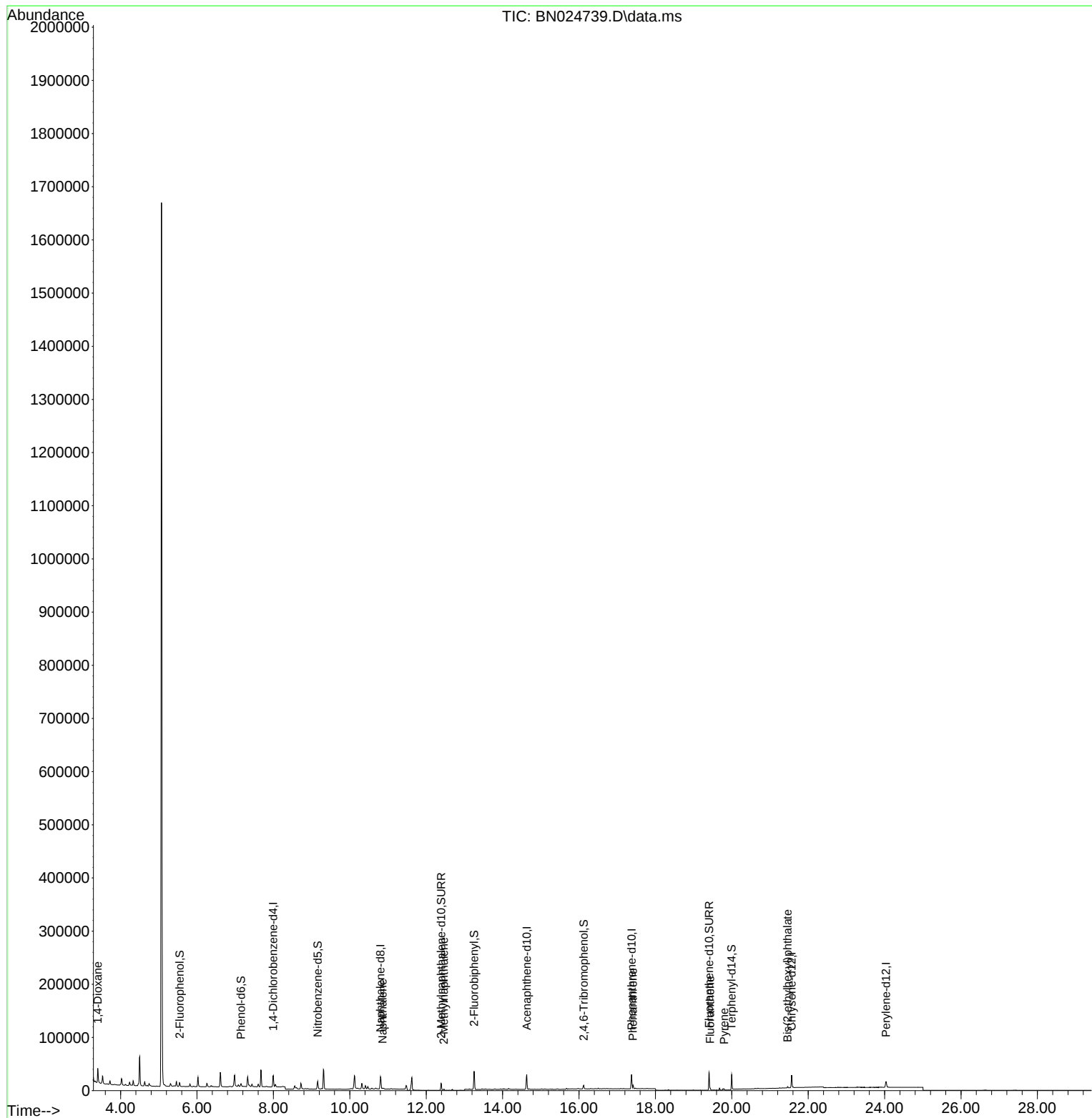
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
Data File : BN024739.D
Acq On : 03 Apr 2023 21:01
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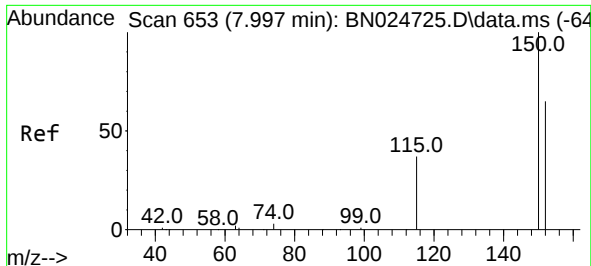
Instrument :
BNA_N
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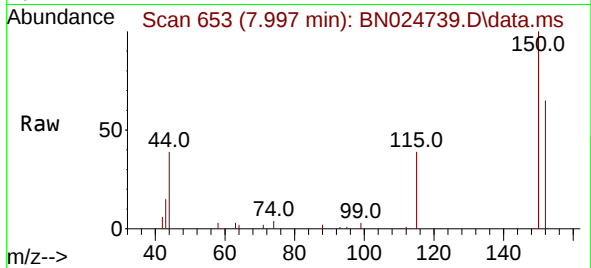
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.997 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024739.D
 Acq: 03 Apr 2023 21:01

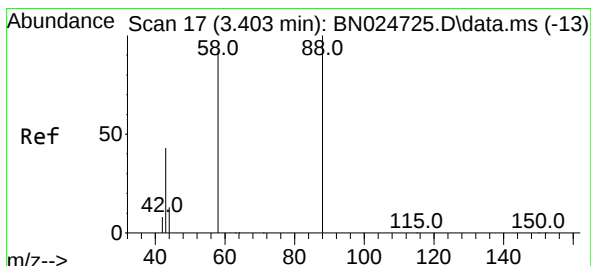
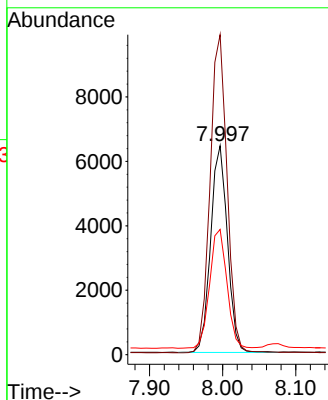
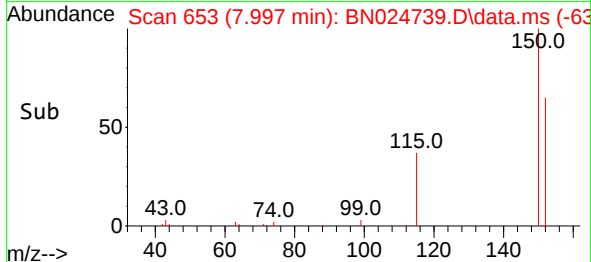
Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-40-45-032323-FD



Tgt Ion: 152 Resp: 10224
 Ion Ratio Lower Upper
 152 100
 150 153.2 123.0 184.4
 115 60.0 48.7 73.1

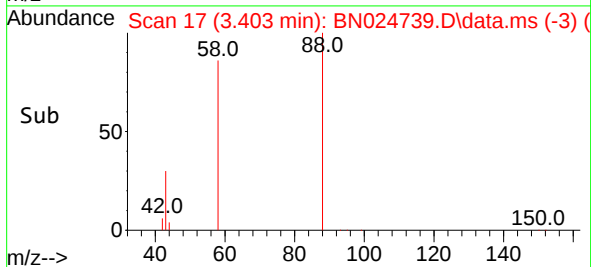
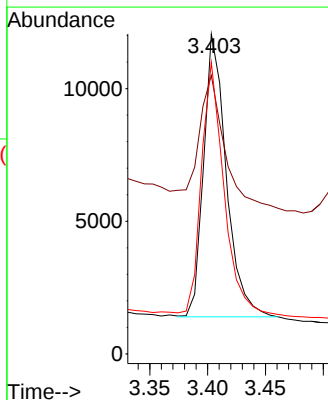
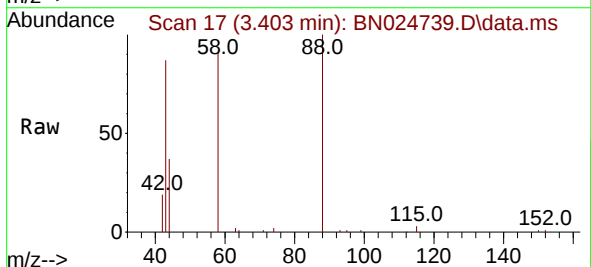
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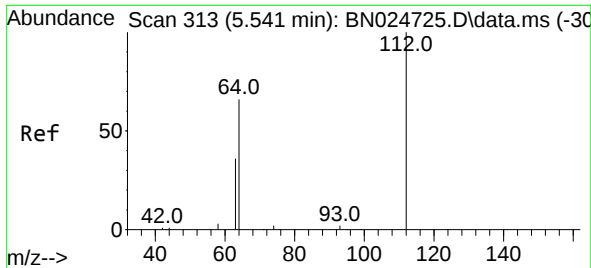
Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/04/2023



#2
 1,4-Dioxane
 Concen: 1.376 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: BN024739.D
 Acq: 03 Apr 2023 21:01

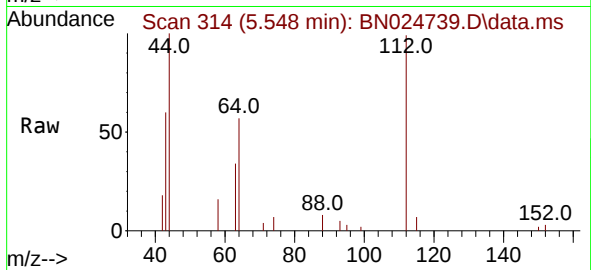
Tgt Ion: 88 Resp: 14527
 Ion Ratio Lower Upper
 88 100
 43 55.1 32.8 49.2#
 58 88.2 73.0 109.6





#4
2-Fluorophenol
Concen: 0.230 ng
RT: 5.548 min Scan# 313
Delta R.T. 0.007 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

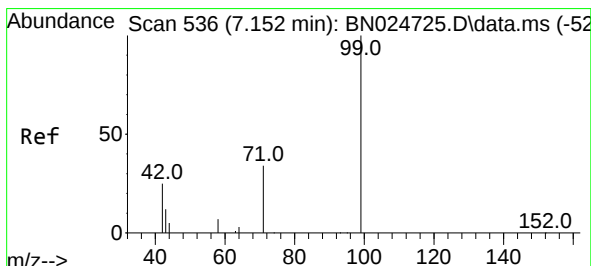
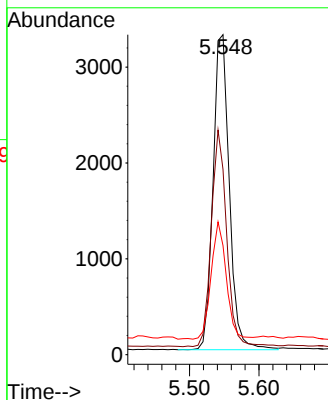
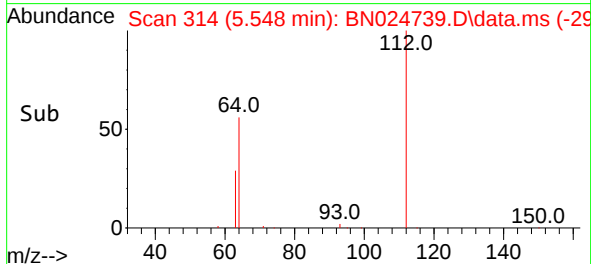
Instrument :
BNA_N
ClientSampleId :
GWCB-05-40-45-032323-FD



Tgt Ion: 112 Resp: 5349
Ion Ratio Lower Upper
112 100
64 65.1 52.1 78.1
63 34.1 28.7 43.1

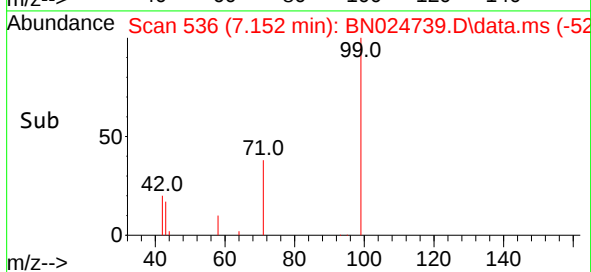
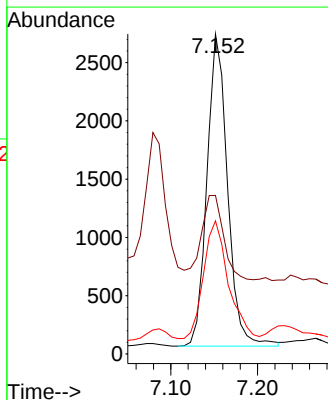
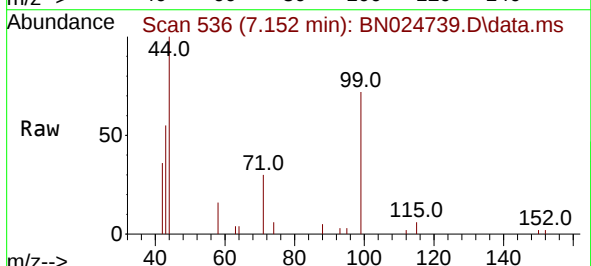
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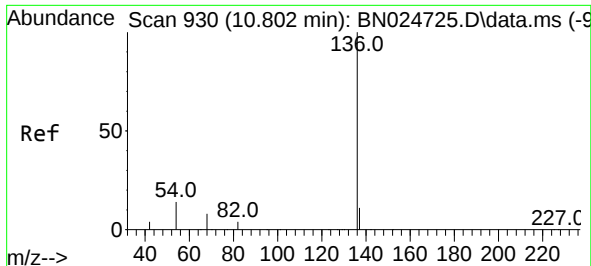
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#5
Phenol-d6
Concen: 0.151 ng
RT: 7.152 min Scan# 536
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

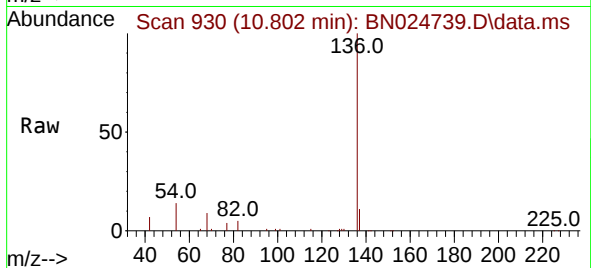
Tgt Ion: 99 Resp: 4413
Ion Ratio Lower Upper
99 100
42 28.9 23.7 35.5
71 45.3 28.2 42.4#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.802 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

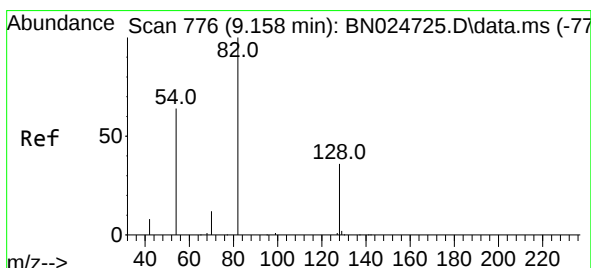
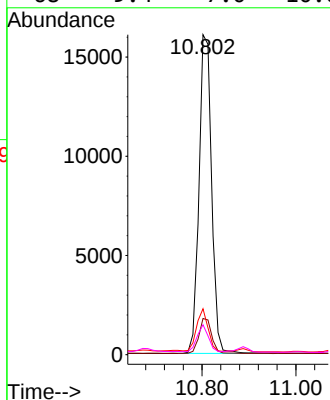
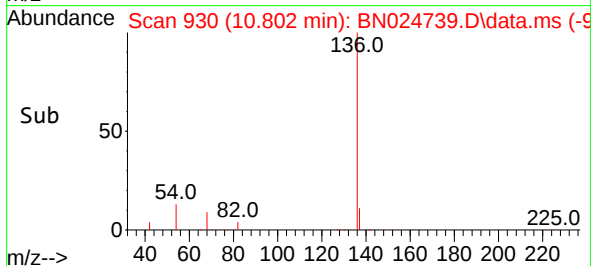
Instrument :
BNA_N
ClientSampleId :
GWCB-05-40-45-032323-FD



Tgt Ion:	136	Resp:	2992
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	14.3	11.4	17.0
68	9.4	7.0	10.6

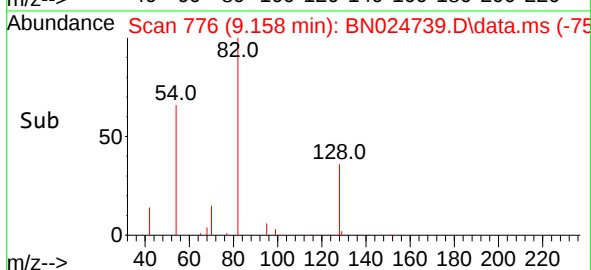
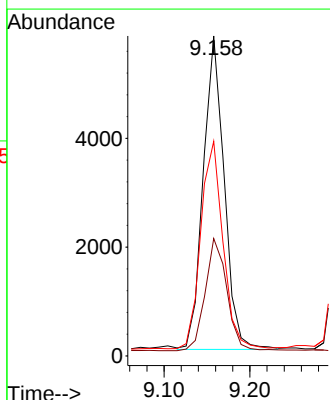
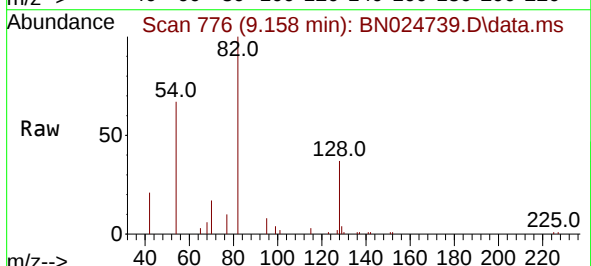
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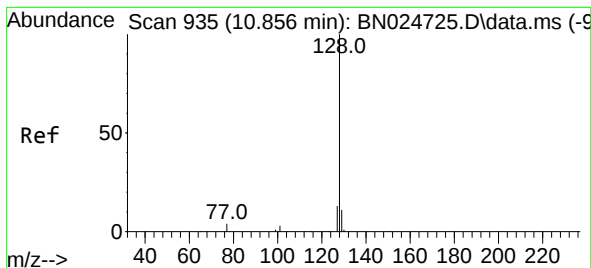
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#8
Nitrobenzene-d5
Concen: 0.419 ng m
RT: 9.158 min Scan# 776
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

Tgt Ion:	82	Resp:	9778
Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.4	44.2
54	67.1	51.3	76.9





#9

Naphthalene

Concen: 0.021 ng

RT: 10.855 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN024739.D

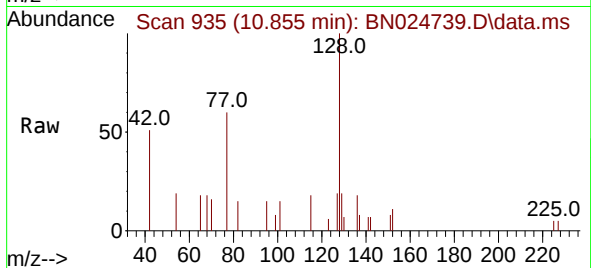
Acq: 03 Apr 2023 21:01

Instrument :

BNA_N

ClientSampleId :

GWCB-05-40-45-032323-FD

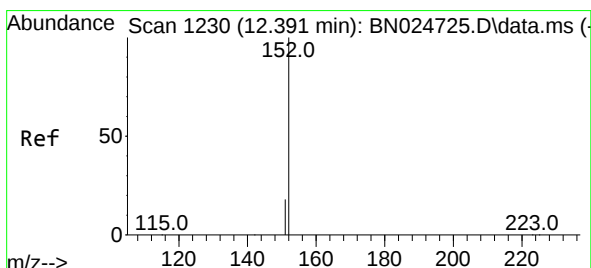
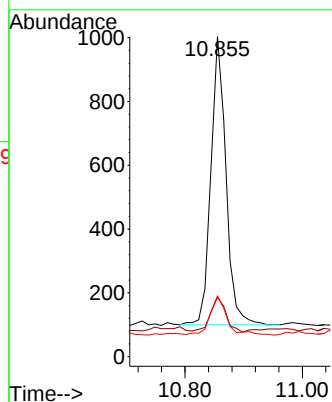
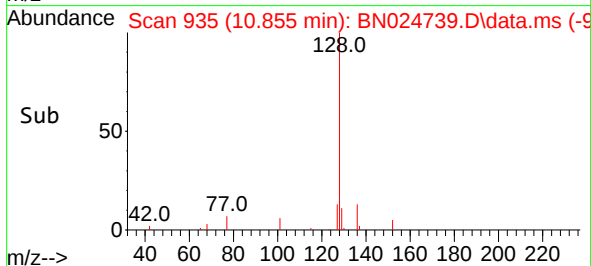


Tgt Ion:	128	Resp:	1609
Ion Ratio	Lower	Upper	
128	100		
129	18.5	9.0	13.6
127	18.9	10.6	15.8

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/04/2023



#11

2-Methylnaphthalene-d10

Concen: 0.441 ng

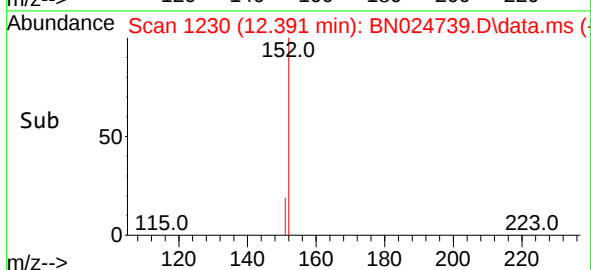
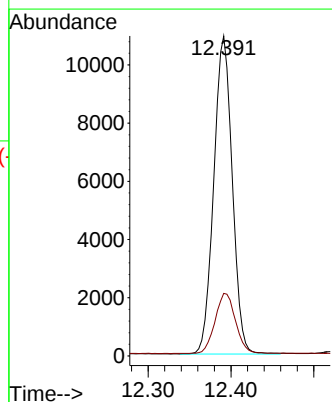
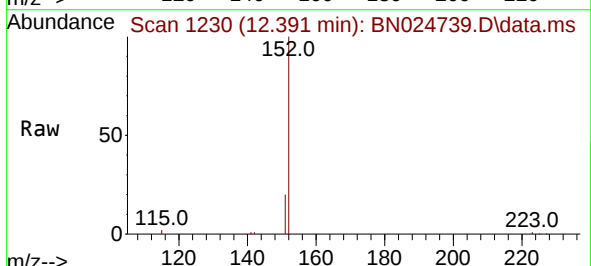
RT: 12.391 min Scan# 1230

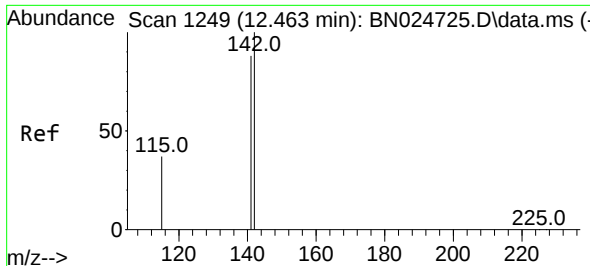
Delta R.T. -0.000 min

Lab File: BN024739.D

Acq: 03 Apr 2023 21:01

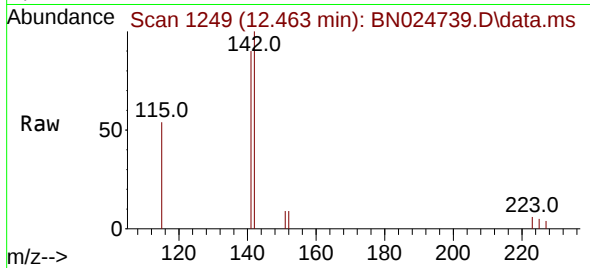
Tgt Ion:	152	Resp:	16930
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.6	25.0





#12
2-Methylnaphthalene
Concen: 0.030 ng
RT: 12.463 min Scan# 1249
Delta R.T. 0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

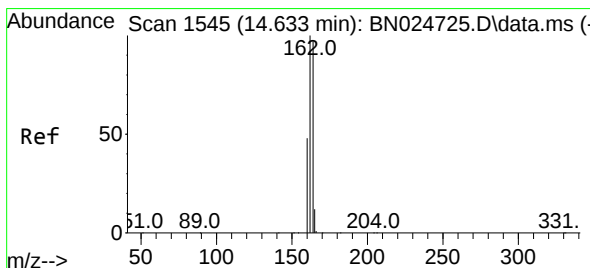
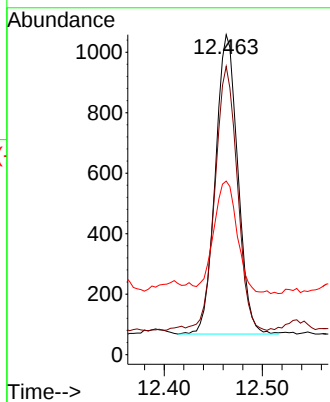
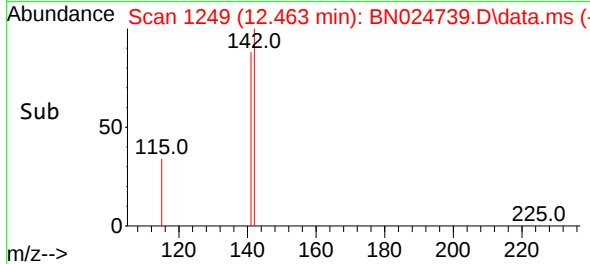
Instrument :
BNA_N
ClientSampleId :
GWCB-05-40-45-032323-FD



Tgt Ion:142 Resp: 1569
Ion Ratio Lower Upper
142 100
141 90.1 70.5 105.7
115 54.3 30.9 46.3

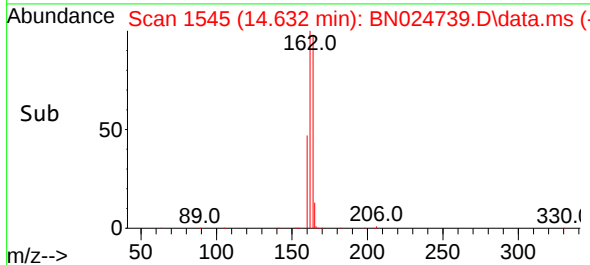
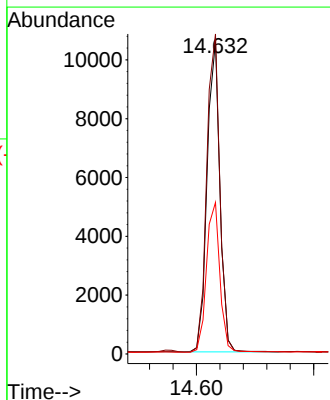
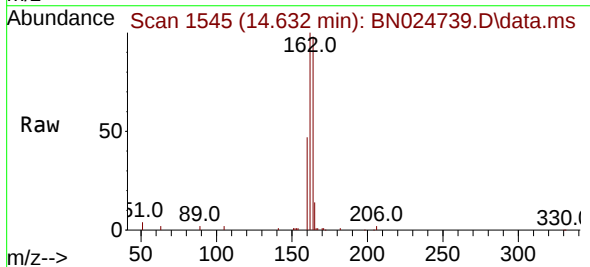
Manual Integrations
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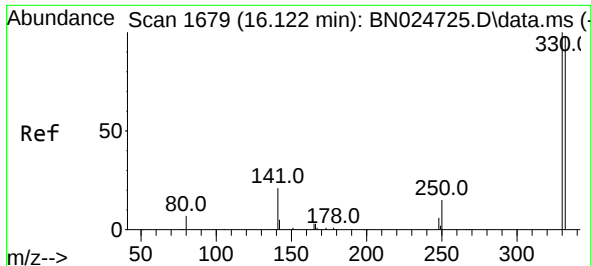
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.632 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

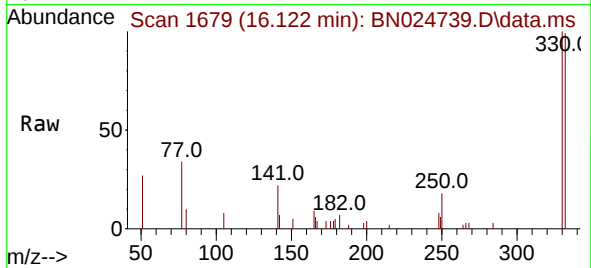
Tgt Ion:164 Resp: 16063
Ion Ratio Lower Upper
164 100
162 102.4 82.2 123.4
160 48.5 39.4 59.0





#14
2,4,6-Tribromophenol
Concen: 0.535 ng
RT: 16.122 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

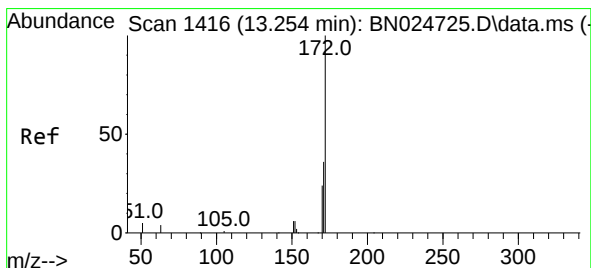
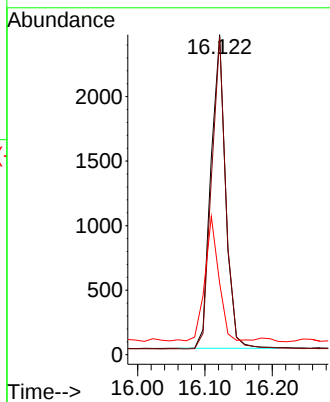
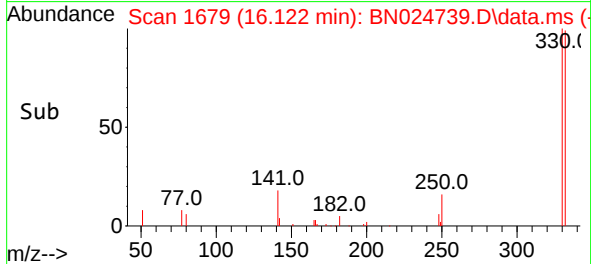
Instrument :
BNA_N
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GWCB-05-40-45-032323-FD



Tgt Ion:330 Resp: 3690
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 38.2 29.6 44.4

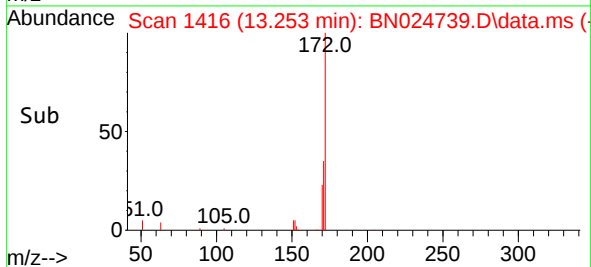
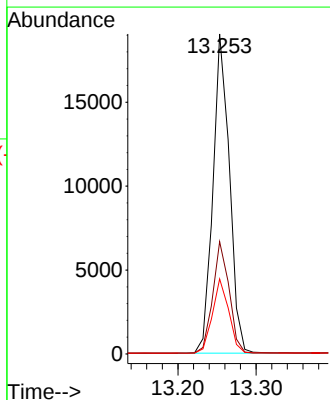
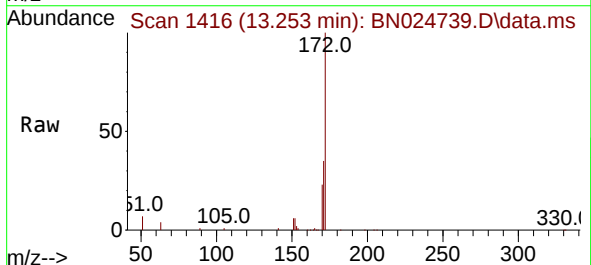
Manual Integrations
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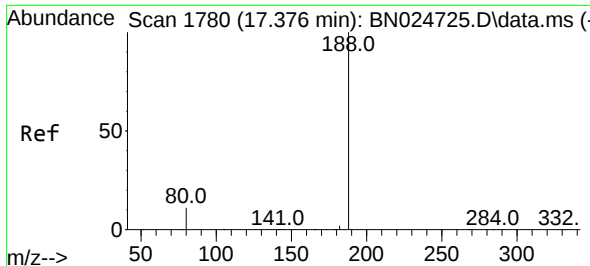
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#15
2-Fluorobiphenyl
Concen: 0.443 ng
RT: 13.253 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

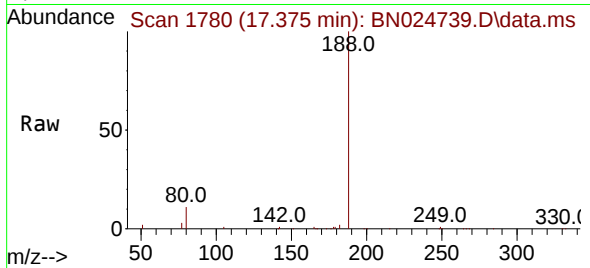
Tgt Ion:172 Resp: 27794
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.5 19.5 29.3





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

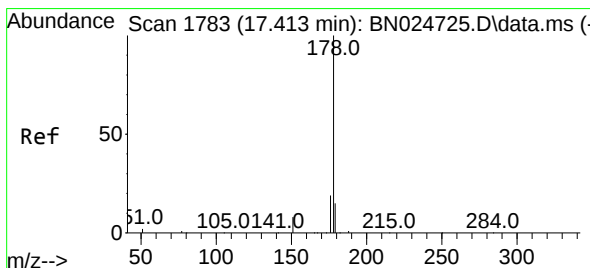
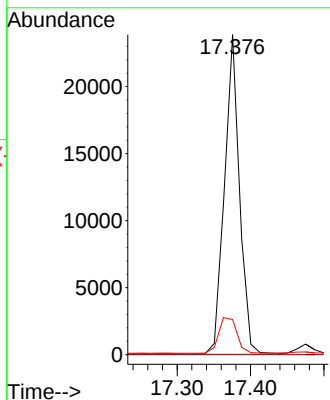
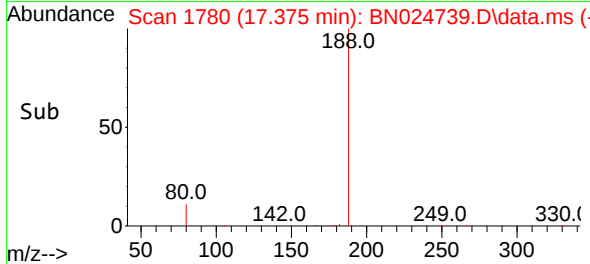
Instrument :
BNA_N
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GWCB-05-40-45-032323-FD



Tgt Ion:188 Resp: 33794
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 9.2 13.8

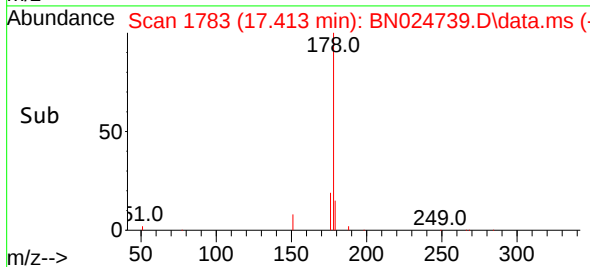
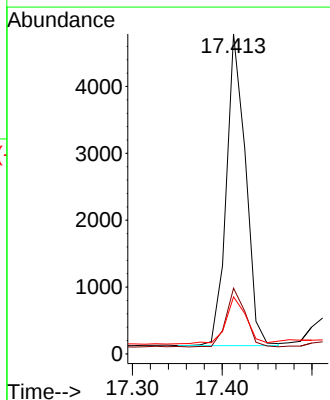
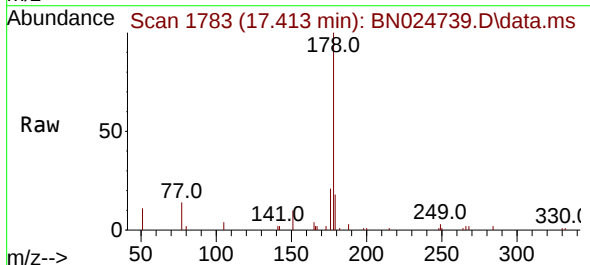
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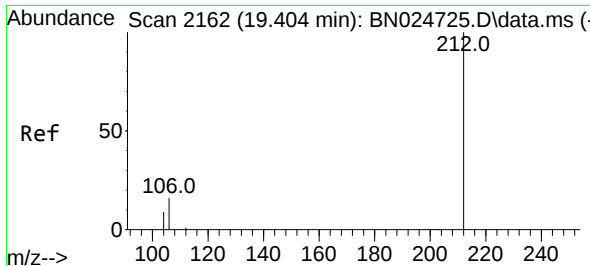
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#25
Phenanthrene
Concen: 0.071 ng
RT: 17.413 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

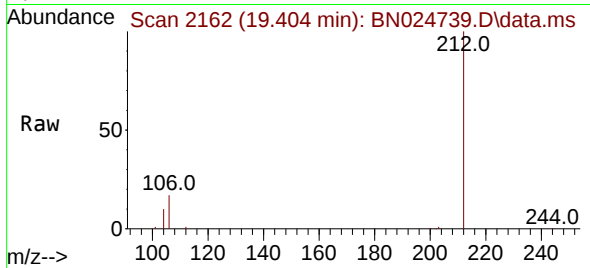
Tgt Ion:178 Resp: 6933
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 16.6 12.2 18.4





#27
Fluoranthene-d10
Concen: 0.500 ng
RT: 19.404 min Scan# 2162
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

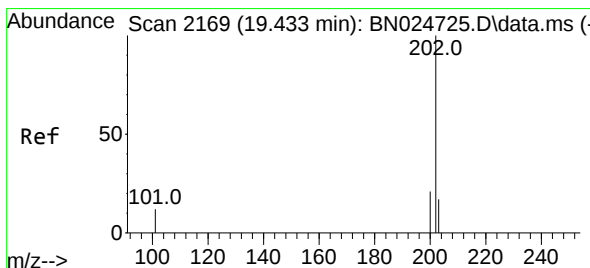
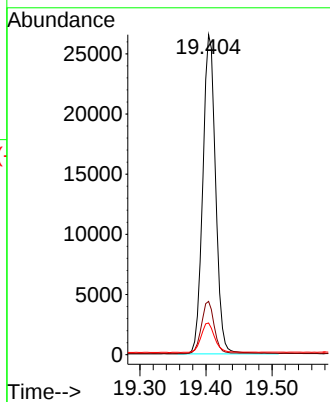
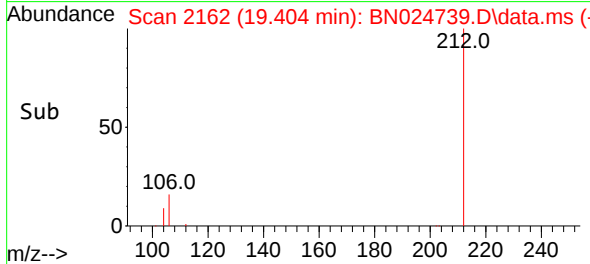
Instrument :
BNA_N
ClientSampleId :
GWCB-05-40-45-032323-FD



Tgt Ion:212 Resp: 3577
Ion Ratio Lower Upper
212 100
106 16.2 13.0 19.4
104 10.0 7.4 11.0

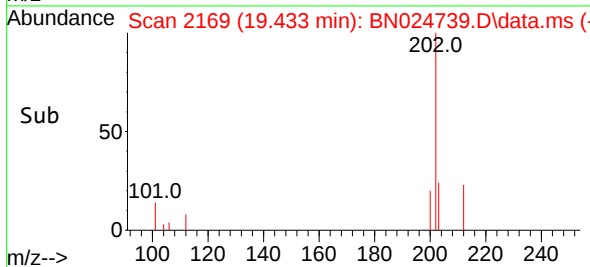
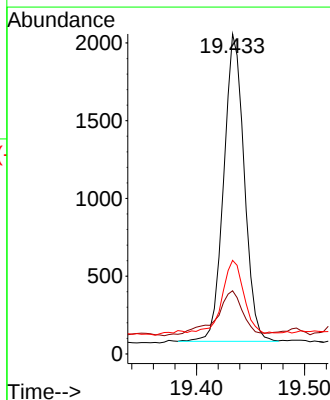
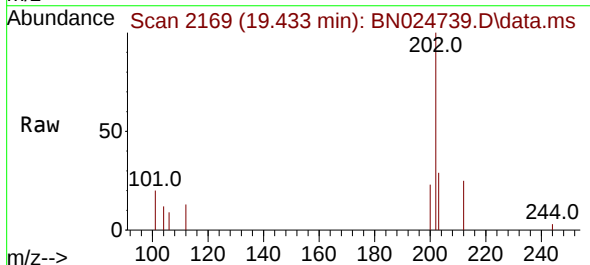
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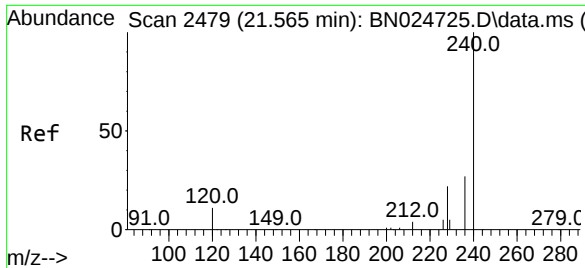
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#28
Fluoranthene
Concen: 0.025 ng
RT: 19.433 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

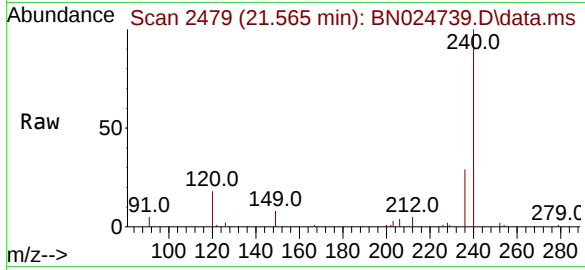
Tgt Ion:202 Resp: 2605
Ion Ratio Lower Upper
202 100
101 19.7 10.1 15.1#
203 25.4 13.6 20.4#





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.565 min Scan# 2479
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

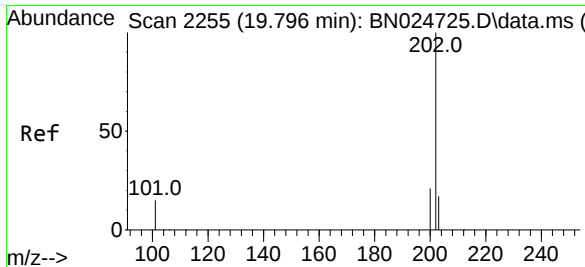
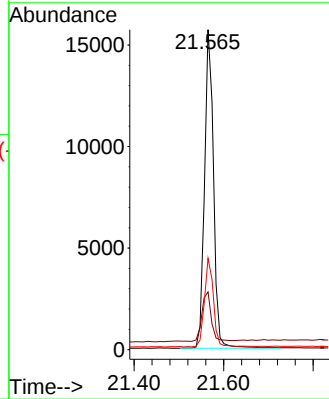
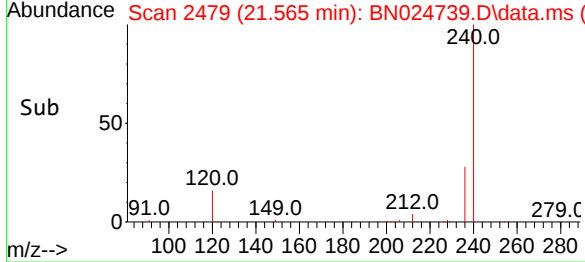
Instrument :
BNA_N
ClientSampleId :
GWCB-05-40-45-032323-FD



Tgt Ion:240 Resp: 2190
Ion Ratio Lower Upper
240 100
120 18.0 10.6 16.0
236 28.6 22.3 33.5

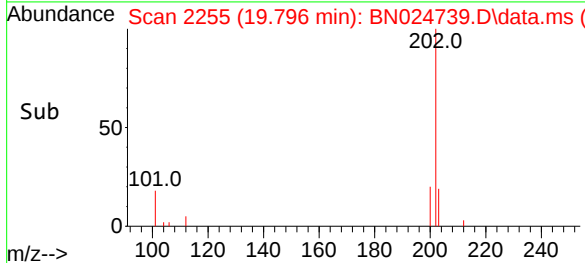
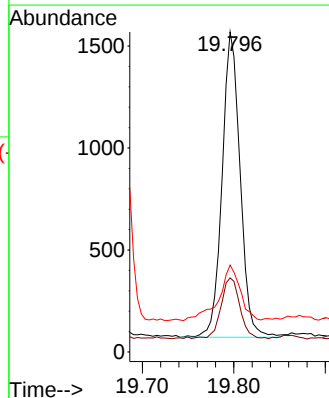
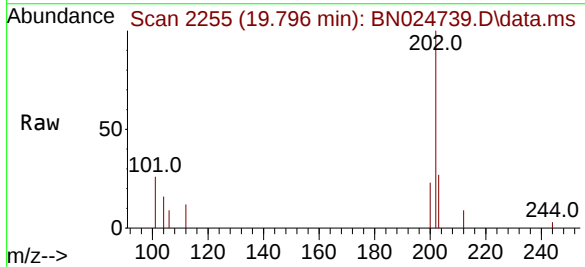
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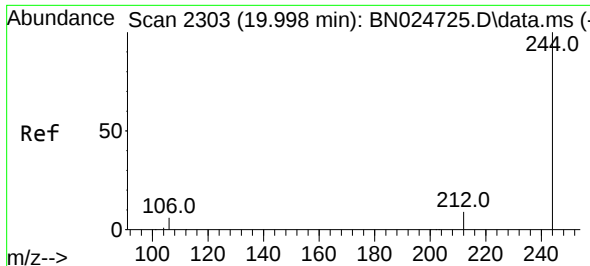
Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023



#30
Pyrene
Concen: 0.022 ng
RT: 19.796 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BN024739.D
Acq: 03 Apr 2023 21:01

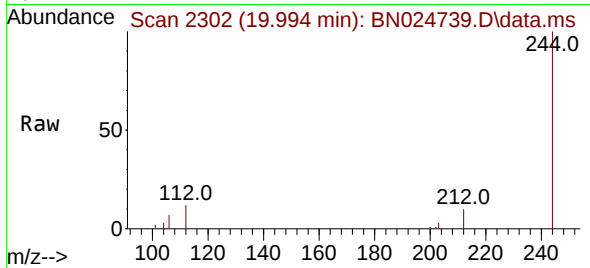
Tgt Ion:202 Resp: 2046
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 21.4 14.2 21.2





#31
 Terphenyl-d14
 Concen: 0.595 ng
 RT: 19.994 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN024739.D
 Acq: 03 Apr 2023 21:01

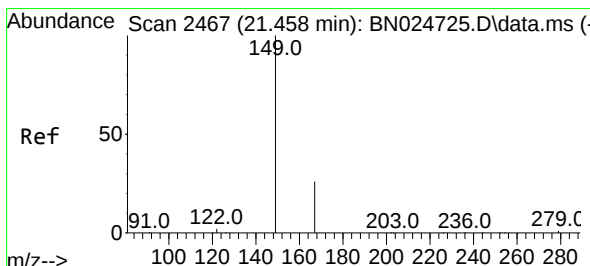
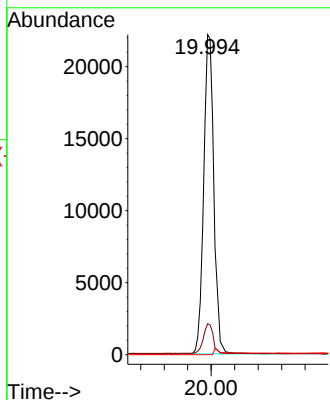
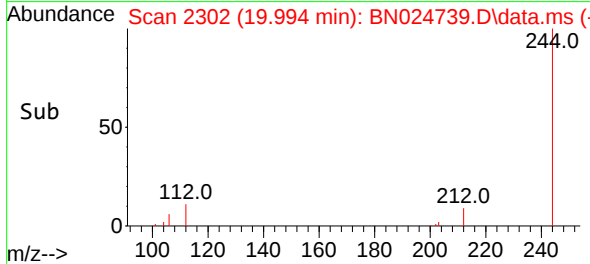
Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-40-45-032323-FD



Tgt Ion:244 Resp: 37664
 Ion Ratio Lower Upper
 244 100
 212 9.7 7.4 11.0
 122 0.0 0.0 0.0

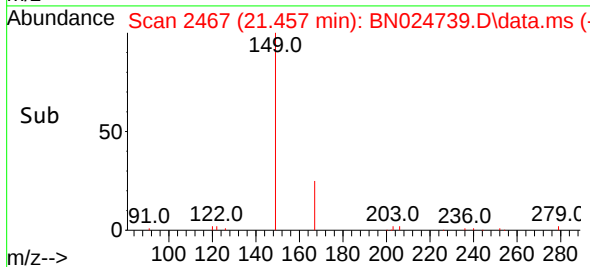
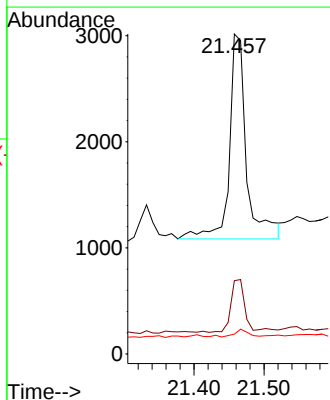
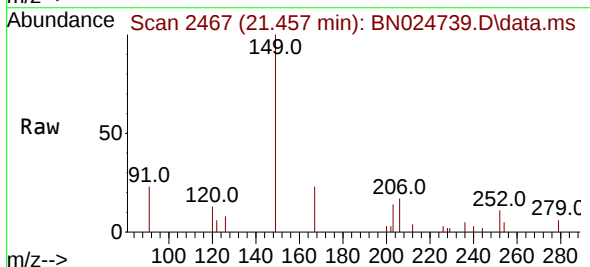
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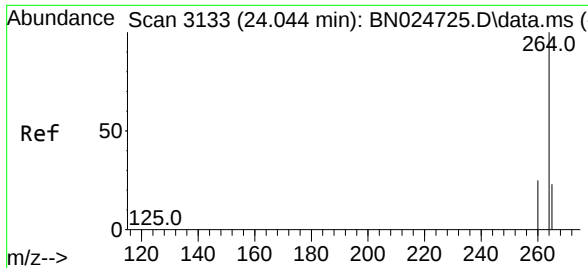
Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/04/2023



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.105 ng
 RT: 21.457 min Scan# 2467
 Delta R.T. -0.000 min
 Lab File: BN024739.D
 Acq: 03 Apr 2023 21:01

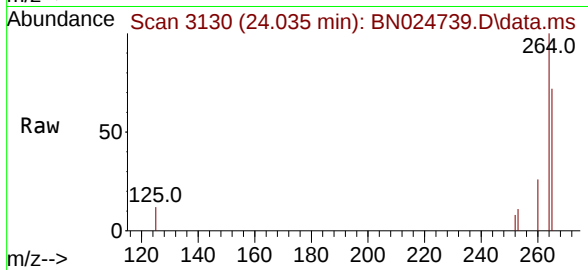
Tgt Ion:149 Resp: 3291
 Ion Ratio Lower Upper
 149 100
 167 20.6 21.0 31.6#
 279 2.7 2.8 4.2#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.035 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN024739.D
 Acq: 03 Apr 2023 21:01

Instrument :
 BNA_N
 ClientSampleId :
 GWCB-05-40-45-032323-FD



Tgt Ion:264 Resp: 1688
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.6 31.0
 265 71.5 62.5 93.7

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Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/04/2023

