

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017777.D
 Acq On : 07 Dec 2021 23:36
 Operator : CG/JU
 Sample : M4917-06RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP120121RE

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 08 07:34:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	16670	0.400	ng	0.00
7) Naphthalene-d8	10.507	136	69670	0.400	ng	# 0.01
13) Acenaphthene-d10	14.348	164	134650	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	99970	0.400	ng	# 0.00
29) Chrysene-d12	21.283	240	107661	0.400	ng	# 0.00
35) Perylene-d12	23.583	264	106127	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.364	112	27813	0.691	ng	0.04
5) Phenol-d6	6.922	99	5620	0.147	ng	0.02
8) Nitrobenzene-d5	8.860	82	41778m	0.901	ng	0.00
11) 2-Methylnaphthalene-d10	12.095	152	46261	0.333	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	18053	0.256	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	84769	0.172	ng	0.00
27) Fluoranthene-d10	19.130	212	140569	0.421	ng	0.00
31) Terphenyl-d14	19.730	244	135340	0.585	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.571	128	23954314	131.312	ng	# 94
12) 2-Methylnaphthalene	12.184	142	9613155	73.129	ng	95
17) Acenaphthene	14.411	154	332388	0.943	ng	# 74
18) Fluorene	15.401	166	743417	1.651	ng	# 94
24) Pentachlorophenol	16.752	266	225	0.288	ng	98
25) Phenanthrene	17.129	178	1059861m	4.035	ng	
26) Anthracene	17.227	178	30786	0.133	ng	# 72
28) Fluoranthene	19.160	202	29324	0.092	ng	95
30) Pyrene	19.522	202	34851	0.102	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.219	149	37937	0.253	ng	# 96

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

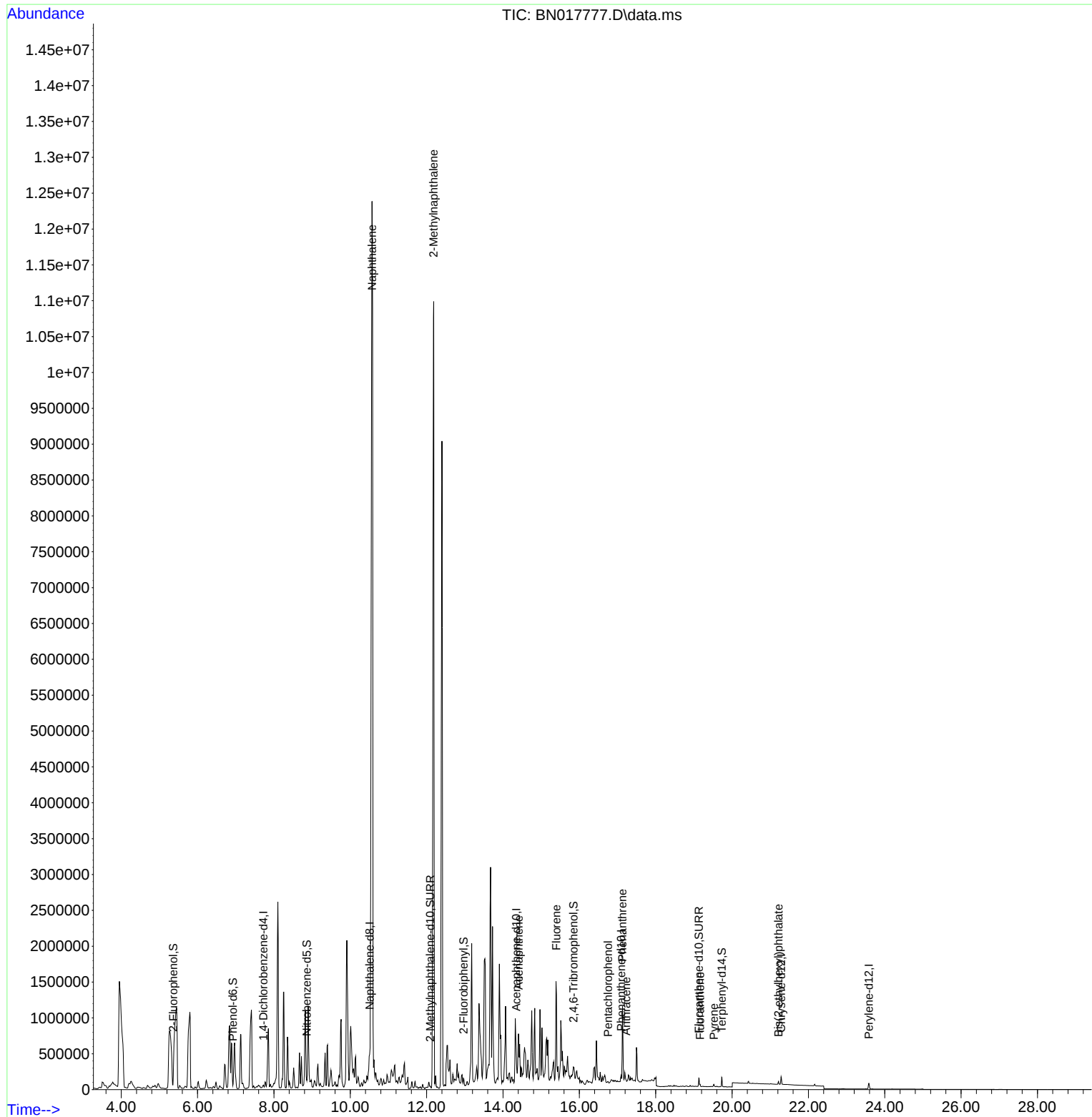
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017777.D
Acq On : 07 Dec 2021 23:36
Operator : CG/JU
Sample : M4917-06RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

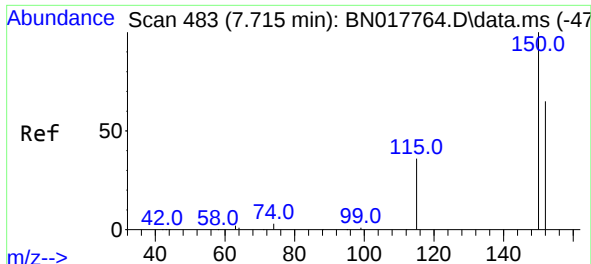
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Quant Time: Dec 08 07:34:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
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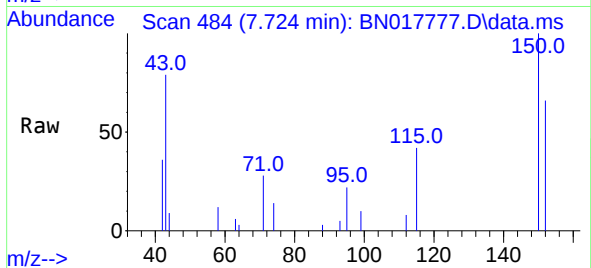
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 41
Delta R.T. 0.009 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

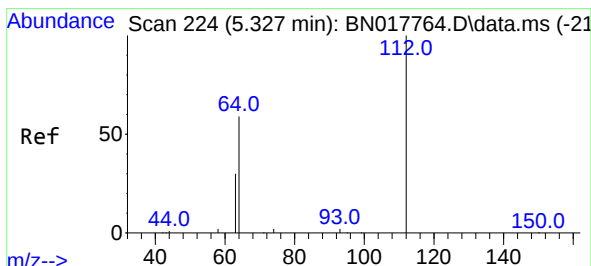
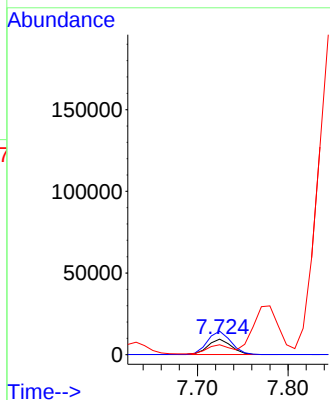
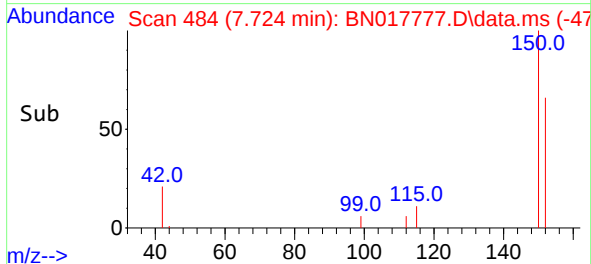
Instrument :
BNA_N
ClientSampleId :
DUP120121RE



Tgt Ion:152 Resp: 16670
Ion Ratio Lower Upper
152 100
150 151.1 123.0 184.4
115 63.4 45.3 67.9

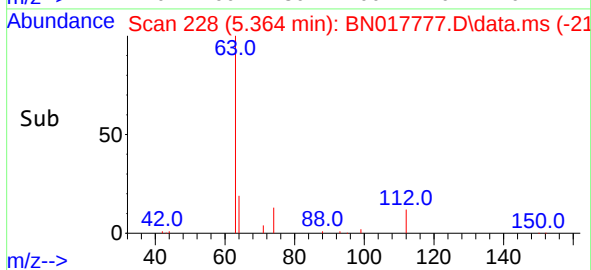
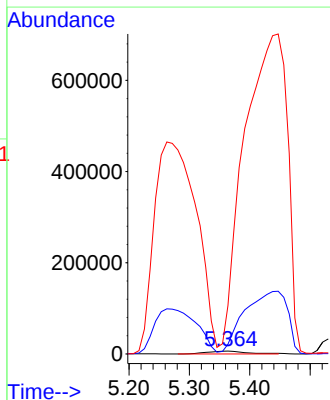
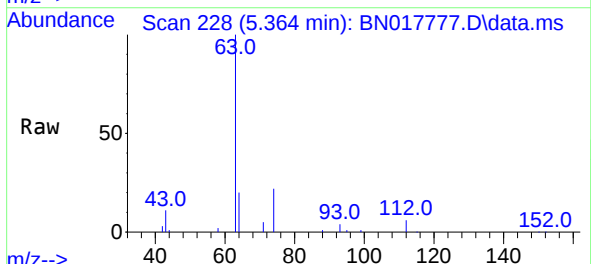
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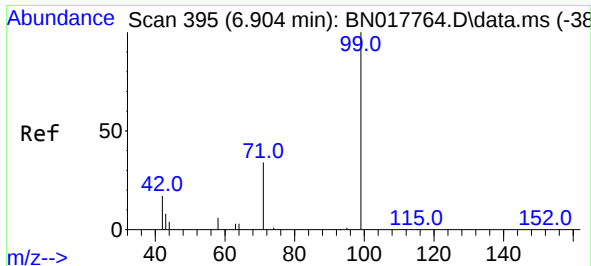
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#4
2-Fluorophenol
Concen: 0.691 ng
RT: 5.364 min Scan# 228
Delta R.T. 0.037 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

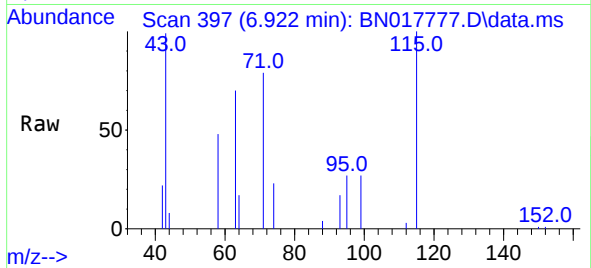
Tgt Ion:112 Resp: 27813
Ion Ratio Lower Upper
112 100
64 0.0 49.3 73.9#
63 0.0 25.8 38.8#





#5
Phenol-d6
Concen: 0.147 ng
RT: 6.922 min Scan# 397
Delta R.T. 0.019 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

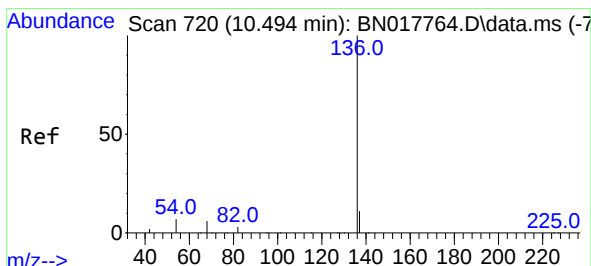
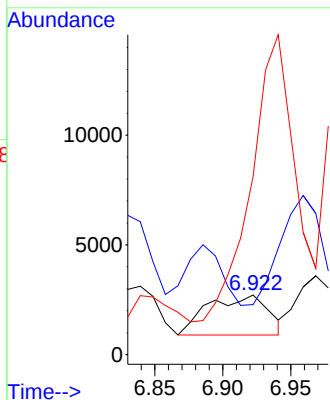
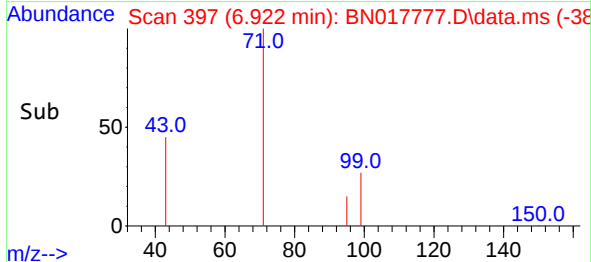
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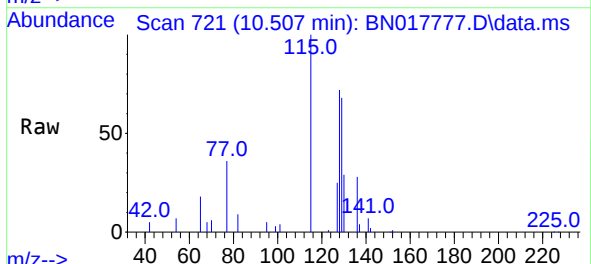
Tgt Ion: 99 Resp: 5620
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 522.8 29.0 43.4#

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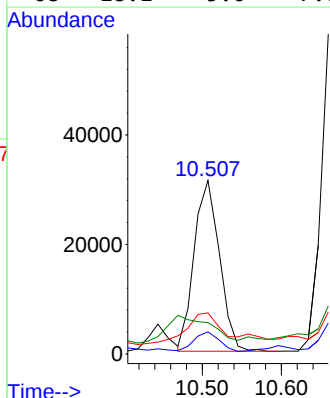
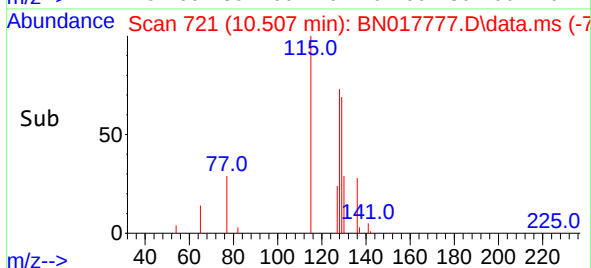
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

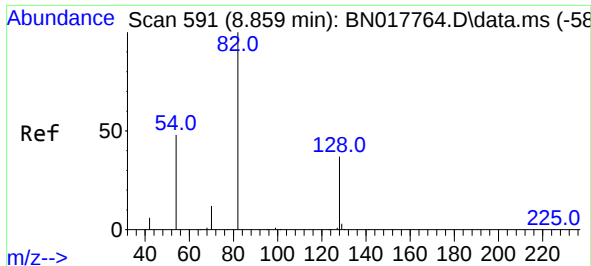


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.507 min Scan# 721
Delta R.T. 0.013 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36



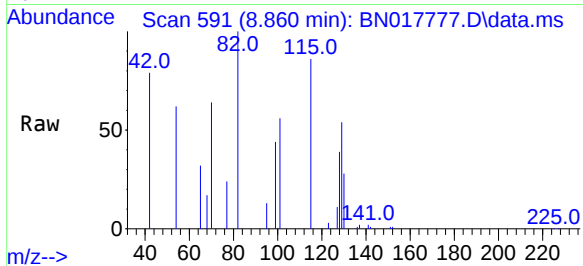
Tgt Ion:136 Resp: 69670
Ion Ratio Lower Upper
136 100
137 12.7 8.8 13.2
54 23.7 5.9 8.9#
68 18.1 5.0 7.6#





#8
Nitrobenzene-d5
Concen: 0.901 ng m
RT: 8.860 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

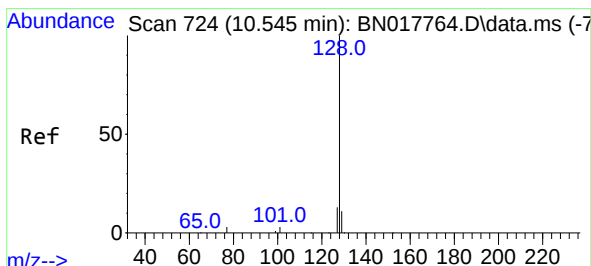
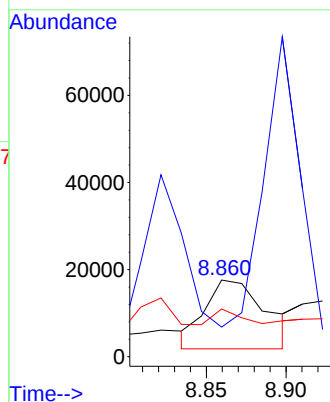
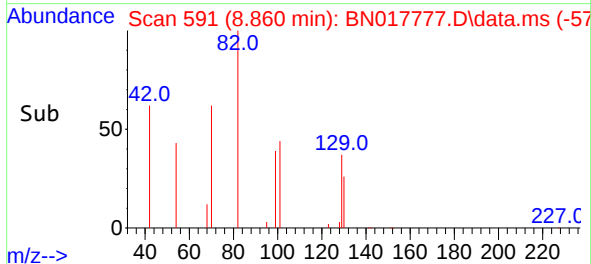
Instrument :
BNA_N
ClientSampleId :
DUP120121RE



Tgt Ion: 82 Resp: 41778
Ion Ratio Lower Upper
82 100
128 38.7 30.2 45.2
54 62.2 39.0 58.6

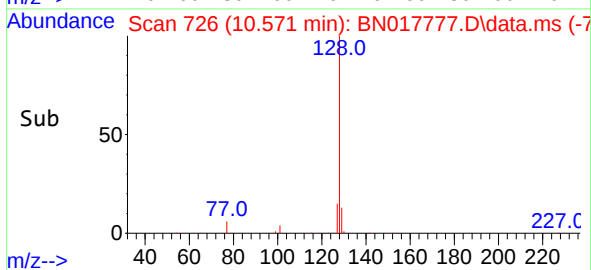
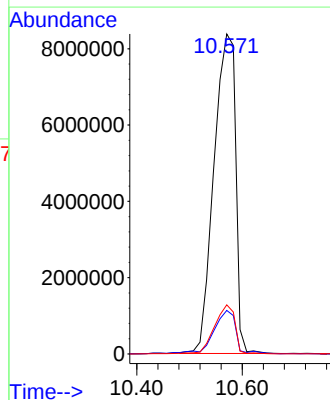
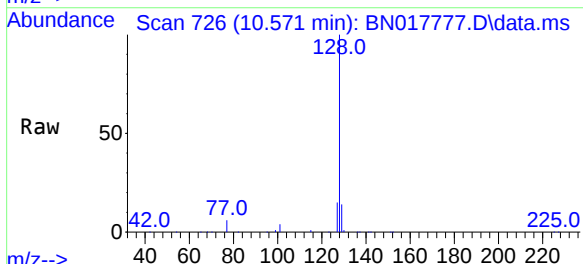
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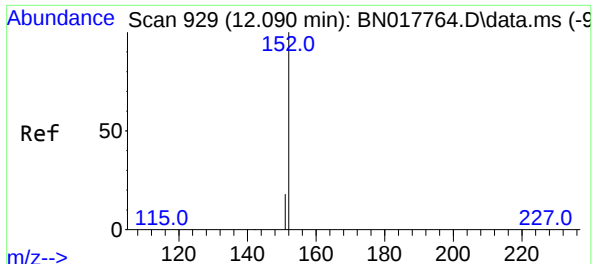
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 131.312 ng
RT: 10.571 min Scan# 726
Delta R.T. 0.026 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:128 Resp:23954314
Ion Ratio Lower Upper
128 100
129 13.6 8.8 13.2#
127 15.4 10.6 15.8





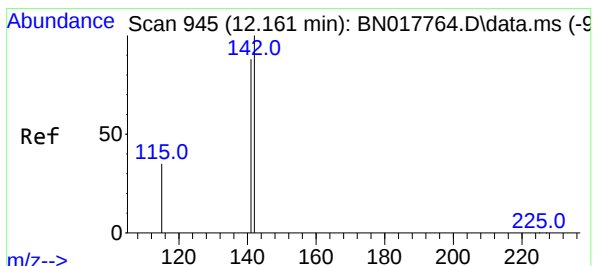
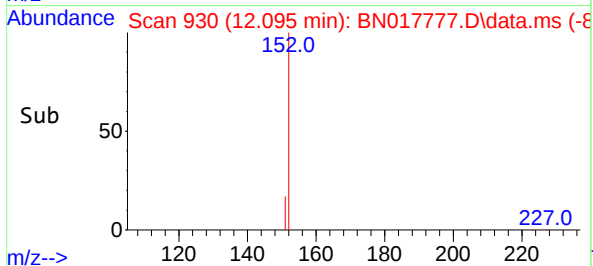
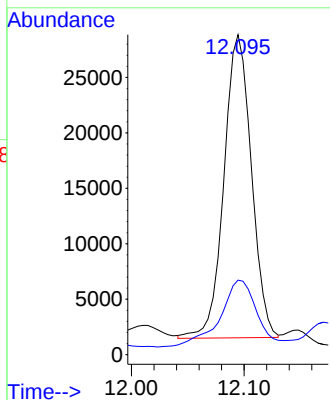
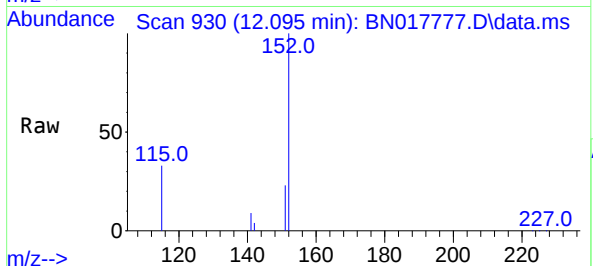
#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.095 min Scan# 911
Delta R.T. 0.005 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Instrument :
BNA_N
ClientSampleId :
DUP120121RE

Tgt Ion:152 Resp: 4626
Ion Ratio Lower Upper
152 100
151 29.7 16.4 24.6

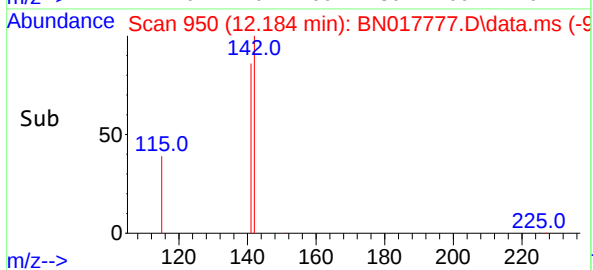
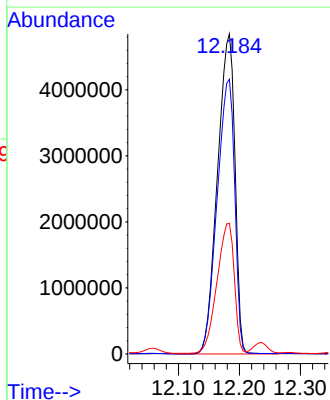
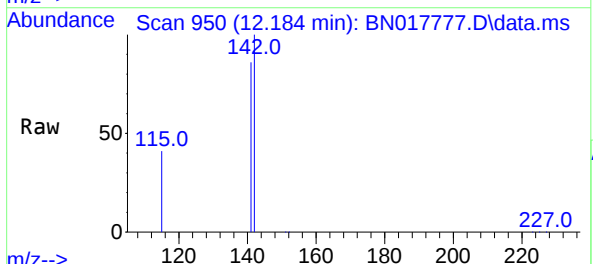
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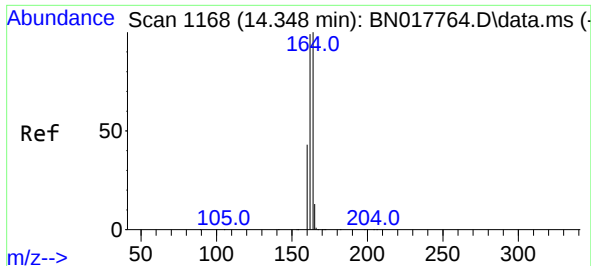
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#12
2-Methylnaphthalene
Concen: 73.129 ng
RT: 12.184 min Scan# 950
Delta R.T. 0.022 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

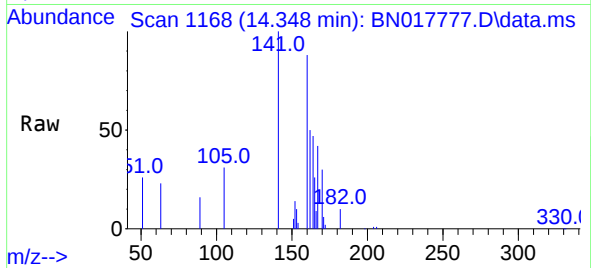
Tgt Ion:142 Resp: 9613155
Ion Ratio Lower Upper
142 100
141 85.8 70.5 105.7
115 40.8 28.0 42.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.348 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

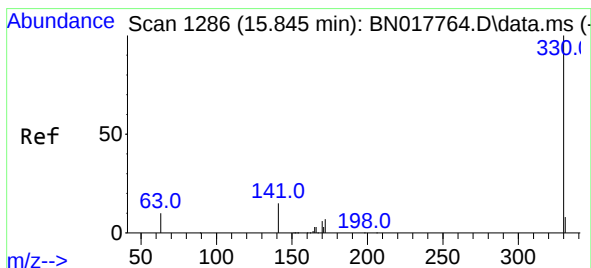
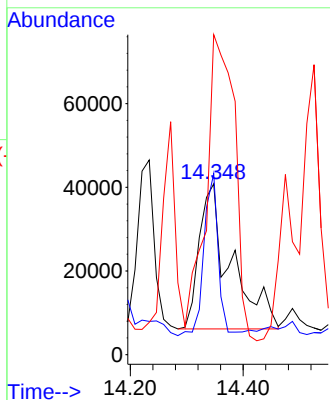
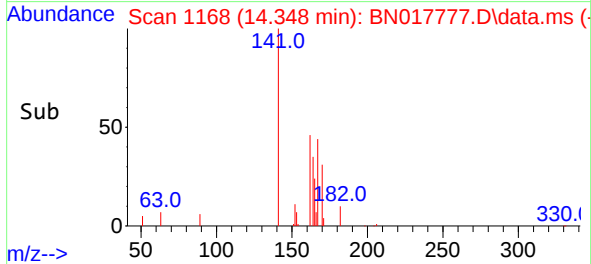
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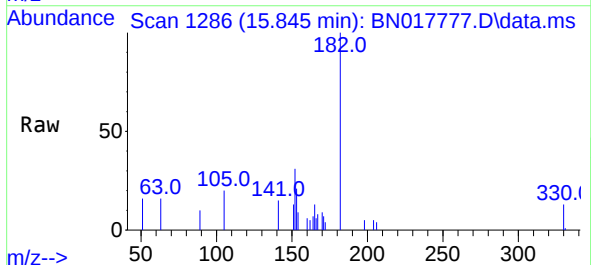
Tgt Ion:164 Resp: 134650
Ion Ratio Lower Upper
164 100
162 106.0 79.0 118.6
160 187.2 34.6 52.0

Manual Integrations
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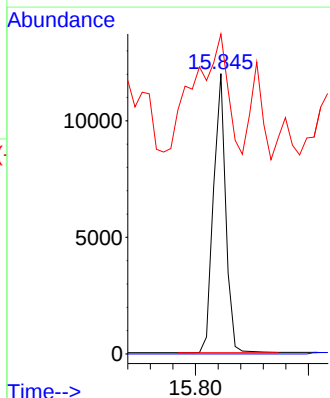
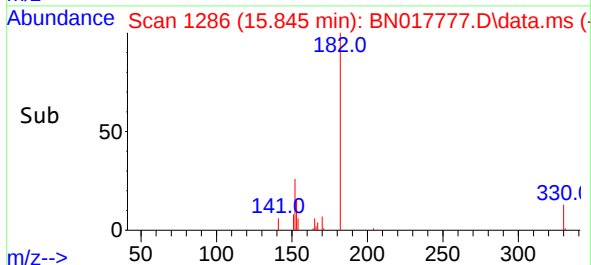
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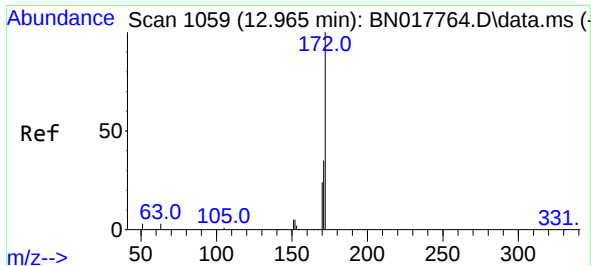


#14
2,4,6-Tribromophenol
Concen: 0.256 ng
RT: 15.845 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36



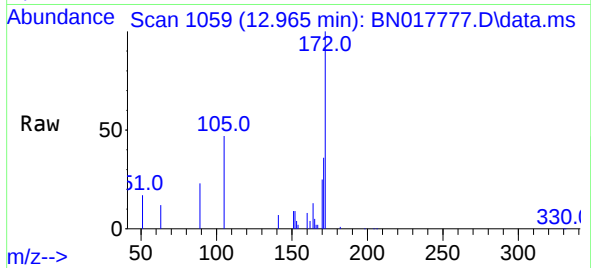
Tgt Ion:330 Resp: 18053
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 105.9 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.172 ng
RT: 12.965 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

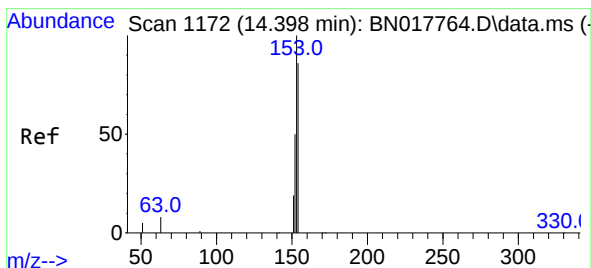
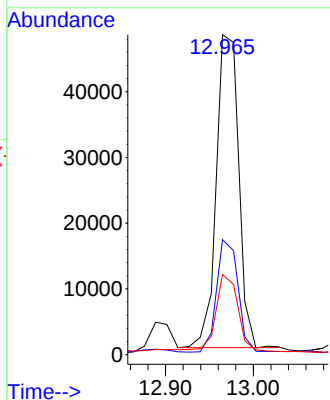
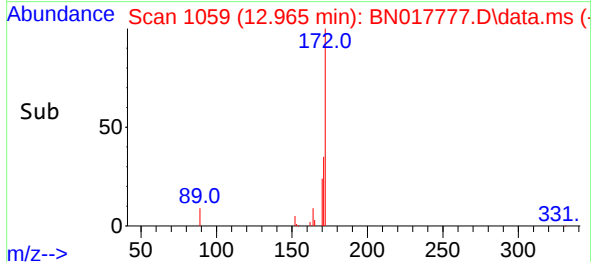
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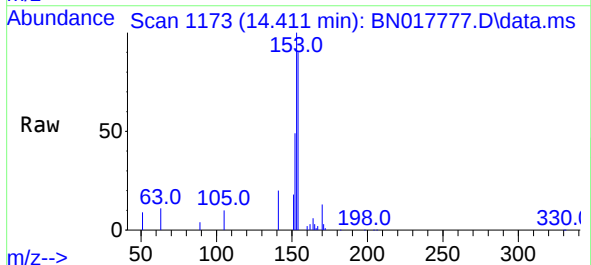
Tgt Ion:172 Resp: 84769
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 25.0 18.9 28.3

Manual Integrations
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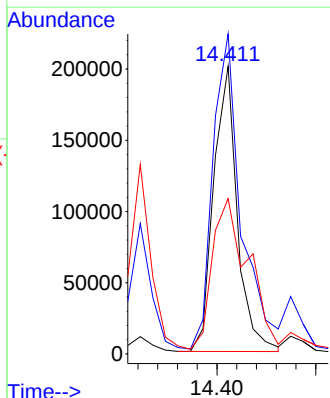
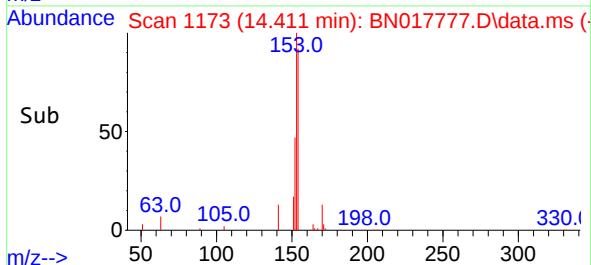
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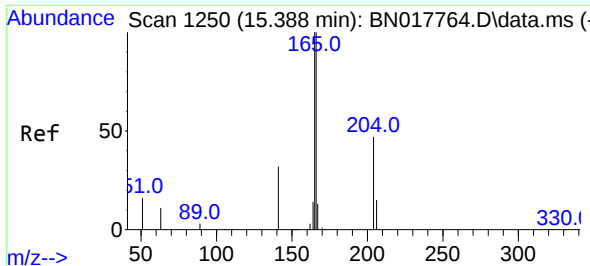


#17
Acenaphthene
Concen: 0.943 ng
RT: 14.411 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36



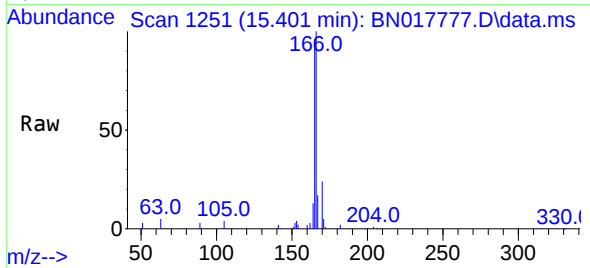
Tgt Ion:154 Resp: 332388
Ion Ratio Lower Upper
154 100
153 132.0 90.1 135.1
152 85.2 43.7 65.5





#18
Fluorene
Concen: 1.651 ng
RT: 15.401 min Scan# 1251
Delta R.T. 0.013 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

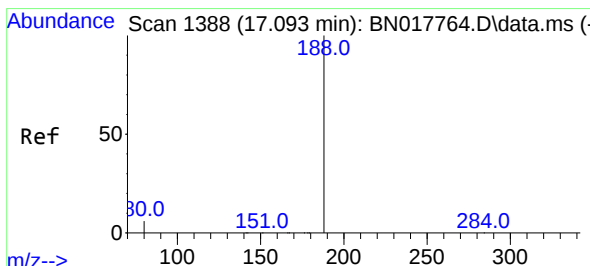
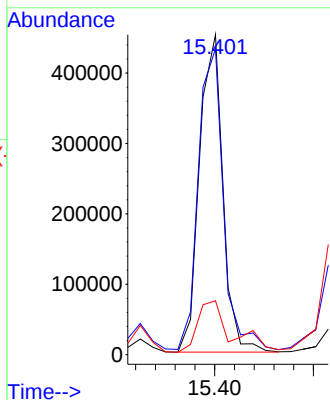
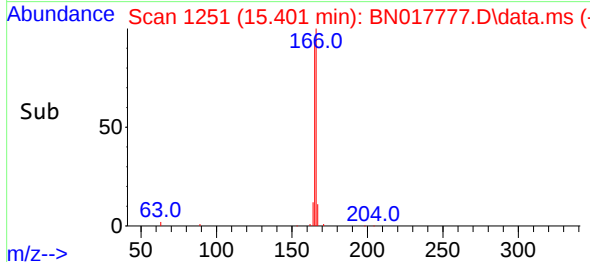
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Tgt Ion:166 Resp: 74341
Ion Ratio Lower Upper
166 100
165 100.6 77.8 116.8
167 23.6 11.0 16.4

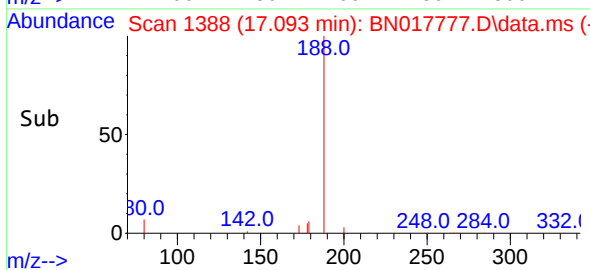
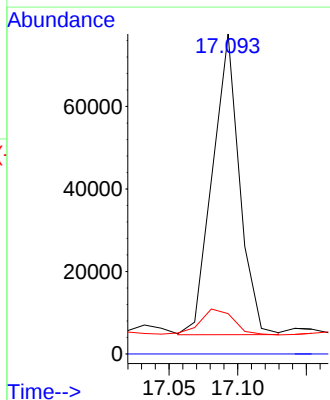
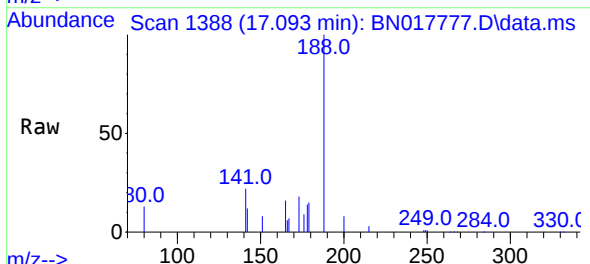
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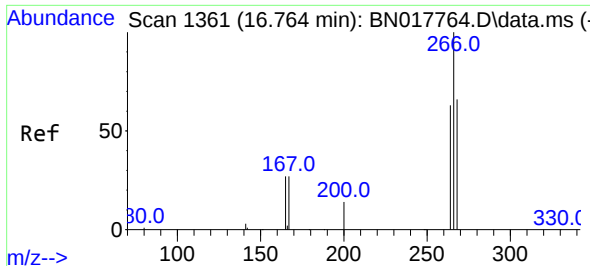
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:188 Resp: 99970
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.6 5.1 7.7#





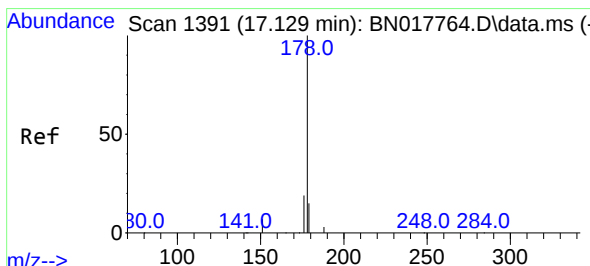
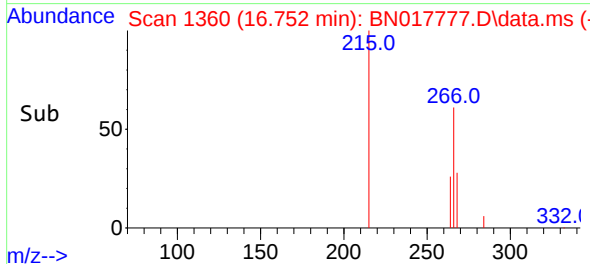
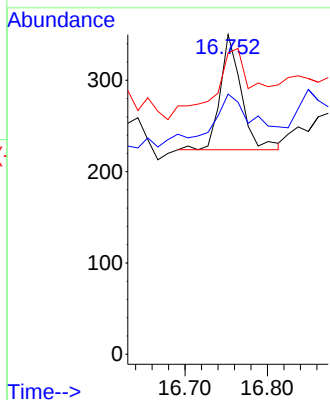
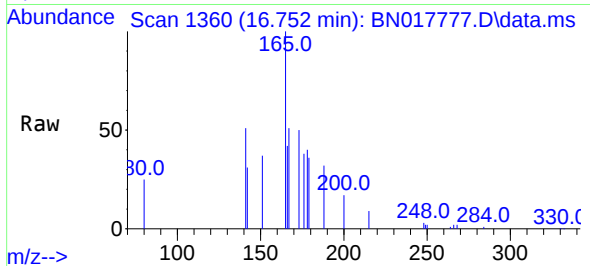
#24
Pentachlorophenol
Concen: 0.288 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Instrument :
BNA_N
ClientSampleId :
DUP120121RE

Tgt Ion:266 Resp: 229
Ion Ratio Lower Upper
266 100
264 63.1 50.8 76.2
268 67.1 51.8 77.6

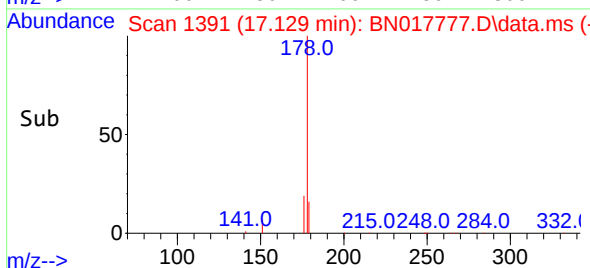
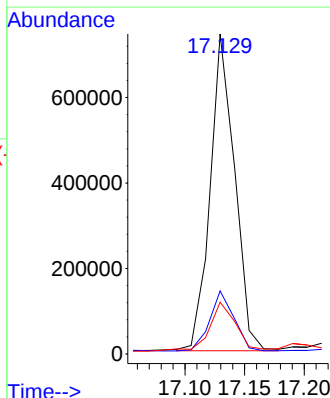
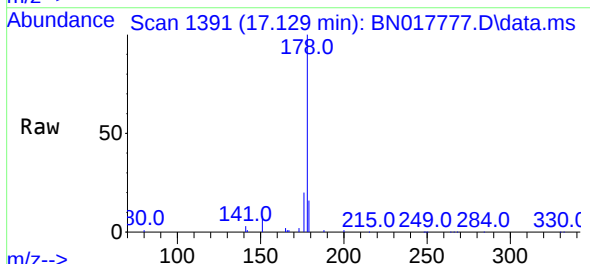
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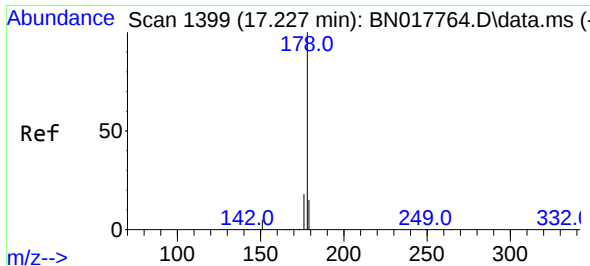
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#25
Phenanthrene
Concen: 4.035 ng m
RT: 17.129 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

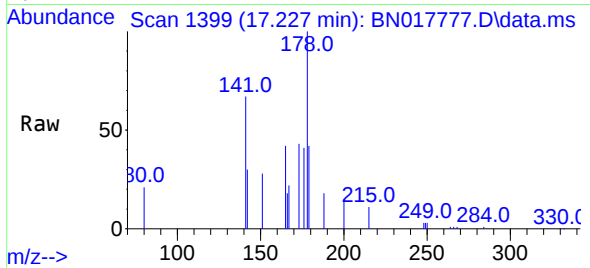
Tgt Ion:178 Resp: 1059861
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 16.7 12.5 18.7





#26
 Anthracene
 Concen: 0.133 ng
 RT: 17.227 min Scan# 1399
 Delta R.T. 0.000 min
 Lab File: BN017777.D
 Acq: 07 Dec 2021 23:36

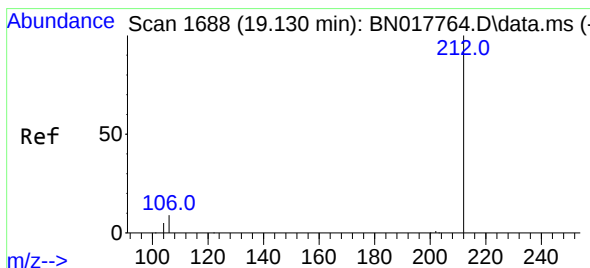
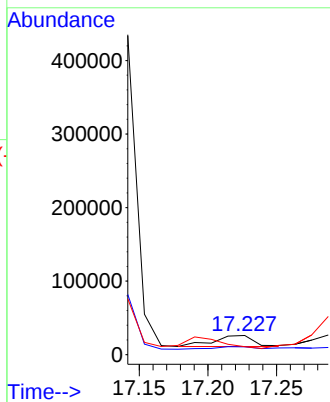
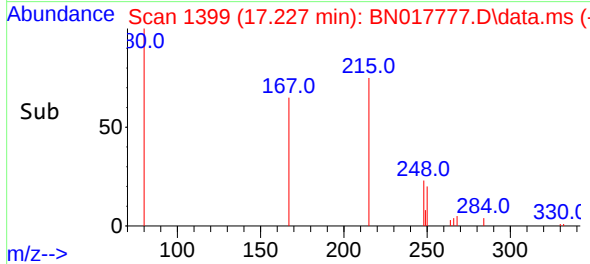
Instrument :
 BNA_N
 ClientSampleId :
 DUP120121RE



Tgt Ion:178 Resp: 30780
 Ion Ratio Lower Upper
 178 100
 176 27.1 14.5 21.7
 179 0.0 12.2 18.4

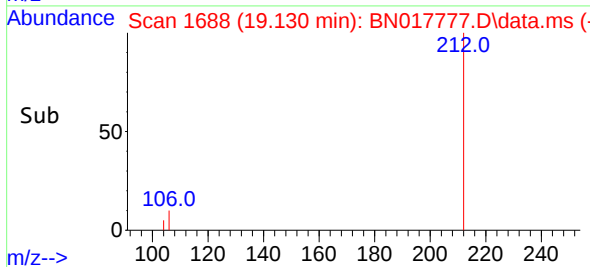
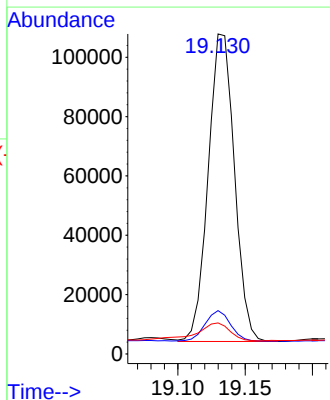
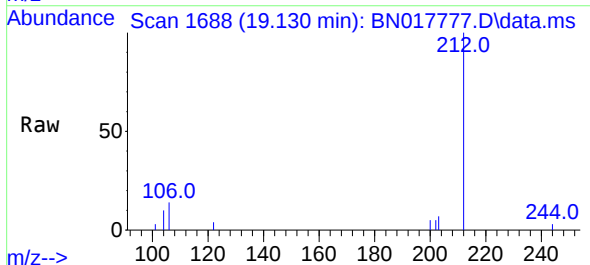
Manual Integrations
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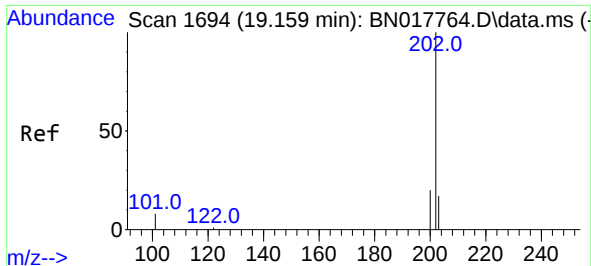
Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021



#27
 Fluoranthene-d10
 Concen: 0.421 ng
 RT: 19.130 min Scan# 1688
 Delta R.T. 0.000 min
 Lab File: BN017777.D
 Acq: 07 Dec 2021 23:36

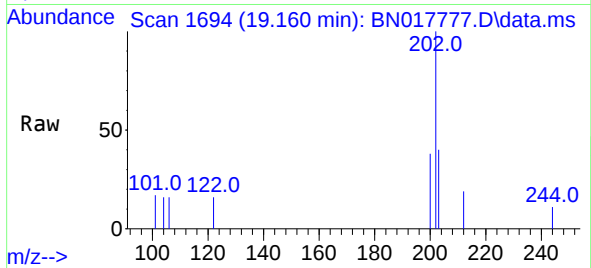
Tgt Ion:212 Resp: 140569
 Ion Ratio Lower Upper
 212 100
 106 9.7 8.2 12.2
 104 7.7 4.6 6.8





#28
Fluoranthene
Concen: 0.092 ng
RT: 19.160 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

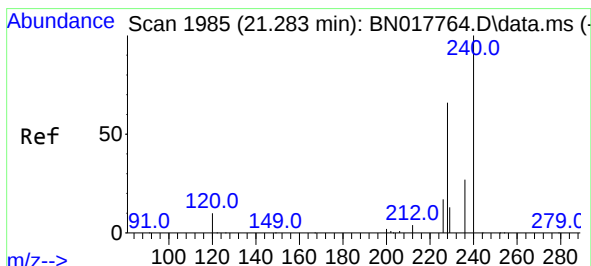
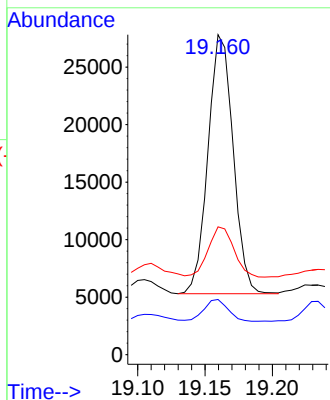
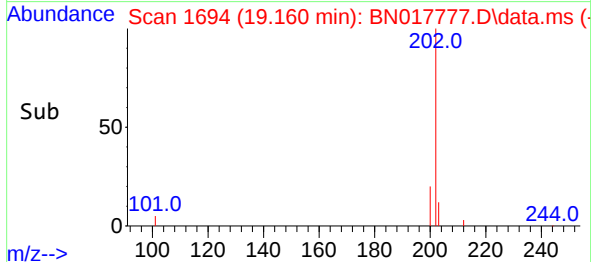
Instrument :
BNA_N
ClientSampleId :
DUP120121RE



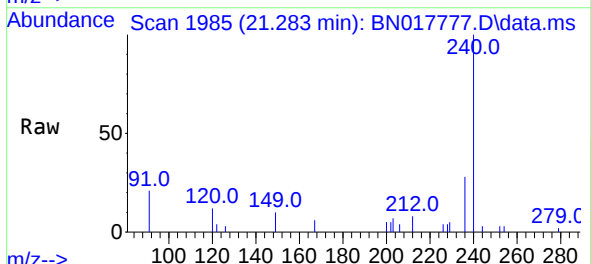
Tgt Ion:202 Resp: 29324
Ion Ratio Lower Upper
202 100
101 7.9 7.2 10.8
203 19.7 13.7 20.5

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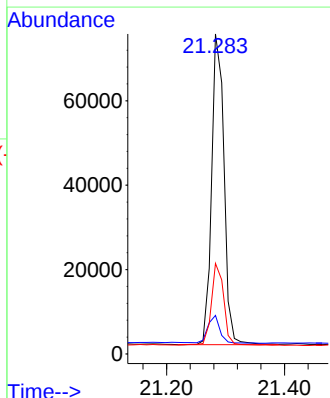
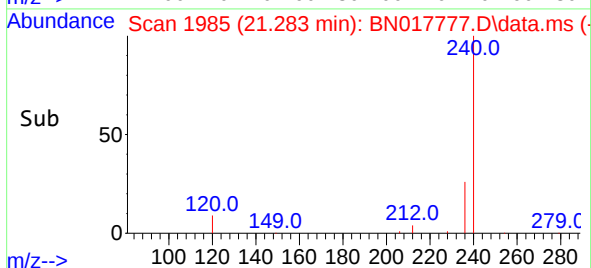
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

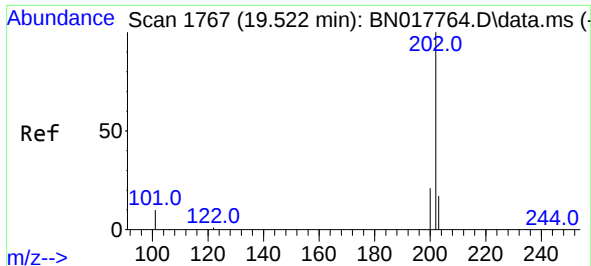


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.283 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36



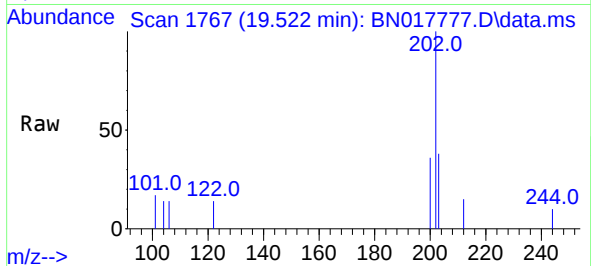
Tgt Ion:240 Resp: 107661
Ion Ratio Lower Upper
240 100
120 12.1 7.9 11.9#
236 28.3 21.4 32.2





#30
Pyrene
Concen: 0.102 ng
RT: 19.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

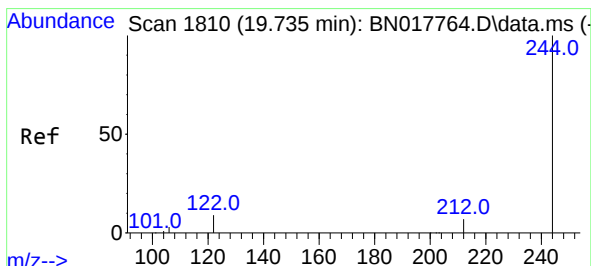
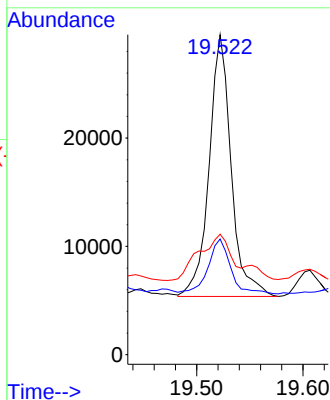
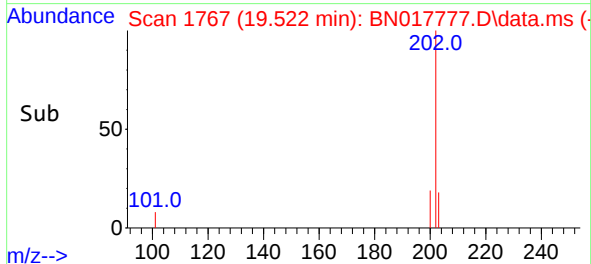
Instrument :
BNA_N
ClientSampleId :
DUP120121RE



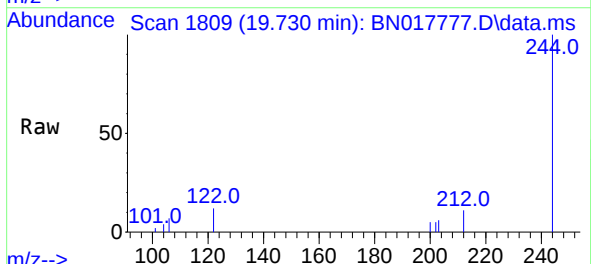
Tgt Ion:202 Resp: 3485
Ion Ratio Lower Upper
202 100
200 21.6 16.5 24.7
203 25.4 14.0 21.0

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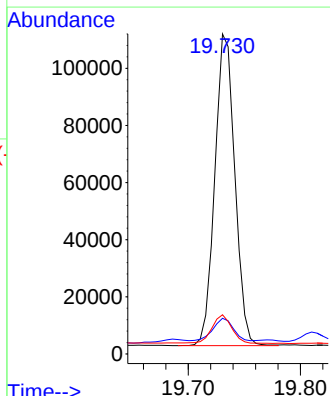
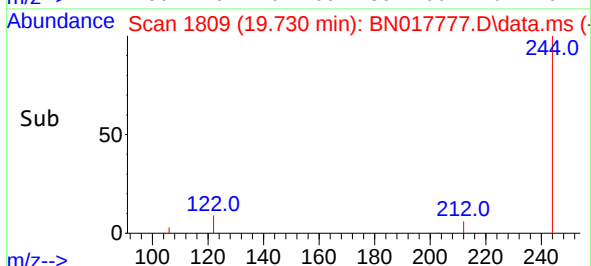
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

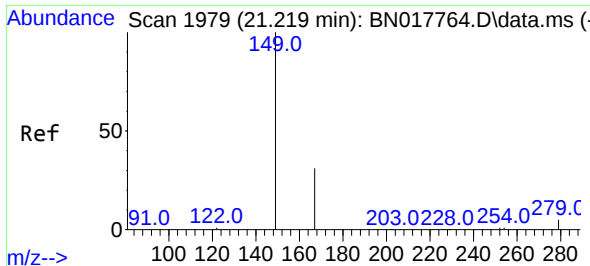


#31
Terphenyl-d14
Concen: 0.585 ng
RT: 19.730 min Scan# 1809
Delta R.T. -0.005 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36



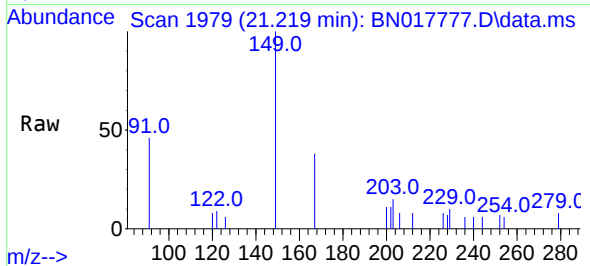
Tgt Ion:244 Resp: 135340
Ion Ratio Lower Upper
244 100
212 11.2 5.8 8.8#
122 12.2 7.1 10.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.253 ng
RT: 21.219 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

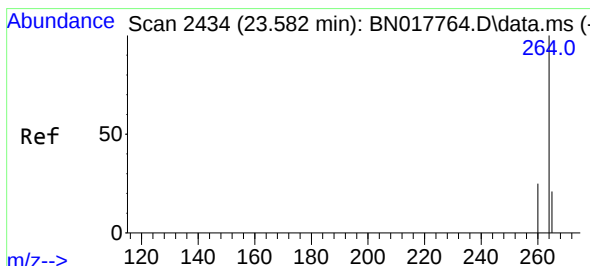
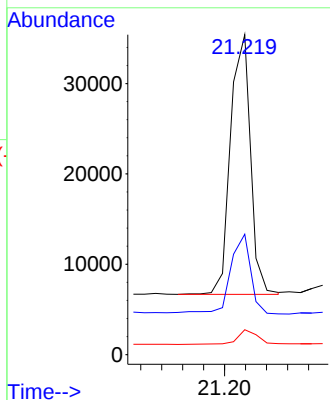
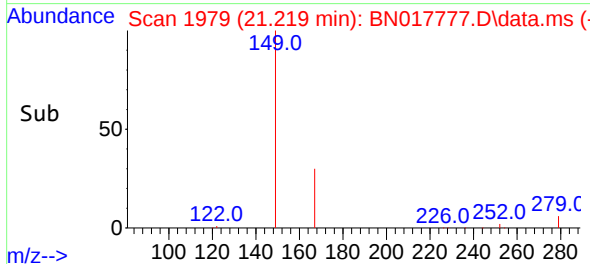
Instrument :
BNA_N
ClientSampleId :
DUP120121RE



Tgt Ion:149 Resp: 37937
Ion Ratio Lower Upper
149 100
167 31.4 23.5 35.3
279 5.8 3.8 5.6

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Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.583 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN017777.D
Acq: 07 Dec 2021 23:36

Tgt Ion:264 Resp: 106127
Ion Ratio Lower Upper
264 100
260 25.3 20.0 30.0
265 26.9 20.5 30.7

