

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017776.D
 Acq On : 07 Dec 2021 23:00
 Operator : CG/JU
 Sample : M4917-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-25

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 07:34:31 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	7.715	152	20424	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	88290	0.40	ng	# 0.00
13) Acenaphthene-d10	14.348	164	82809	0.40	ng	# 0.00
19) Phenanthrene-d10	17.093	188	126533	0.40	ng	# 0.00
29) Chrysene-d12	21.283	240	136041	0.40	ng	0.00
35) Perylene-d12	23.583	264	124695	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	24745	0.50	ng	0.02
5) Phenol-d6	6.913	99	4608	0.10	ng	0.00
8) Nitrobenzene-d5	8.860	82	20311m	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	46100	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	16167	0.37	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	85821	0.28	ng	0.00
27) Fluoranthene-d10	19.150	212	147056	0.35	ng	0.02
31) Terphenyl-d14	19.730	244	136481	0.47	ng	0.00
Target Compounds						
9) Naphthalene	10.558	128	15963247	69.05	ng	Qvalue 97
12) 2-Methylnaphthalene	12.166	142	3072235	18.44	ng	98
17) Acenaphthene	14.398	154	102502	0.47	ng	94
18) Fluorene	15.388	166	99776	0.36	ng	# 96
24) Pentachlorophenol	16.752	266	374	0.29	ng	95
25) Phenanthrene	17.129	178	112885m	0.34	ng	
34) Bis(2-ethylhexyl)phtha...	21.219	149	33221	0.18	ng	98

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

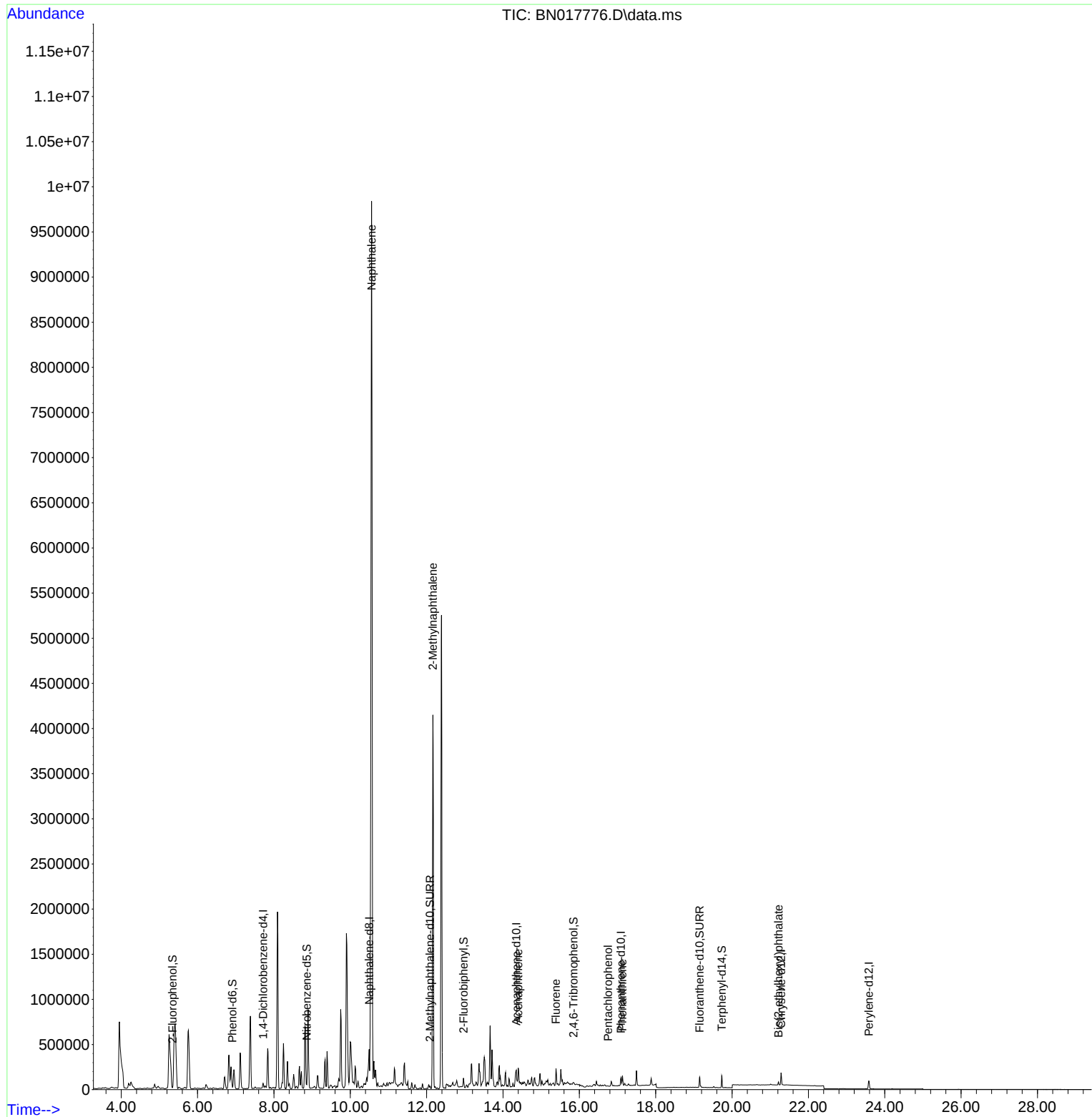
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017776.D
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ALS Vial : 18 Sample Multiplier: 1

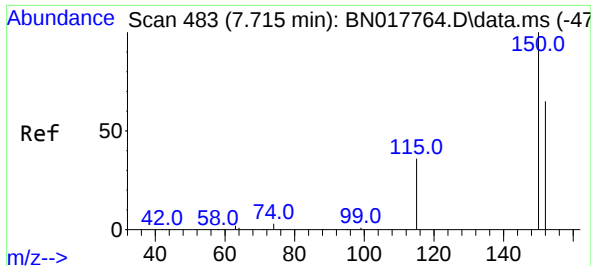
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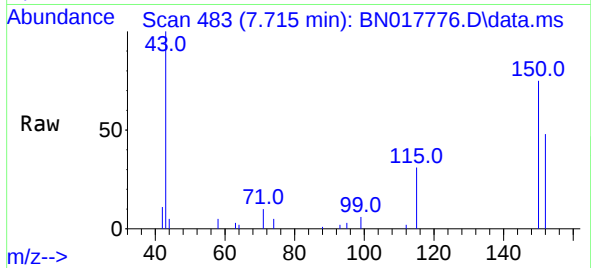
Quant Time: Dec 08 07:34:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN01776.D
Acq: 07 Dec 2021 23:00

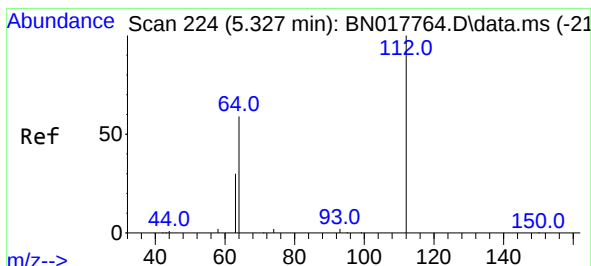
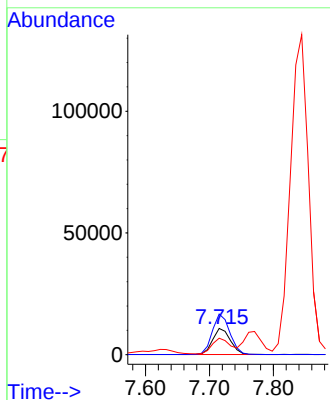
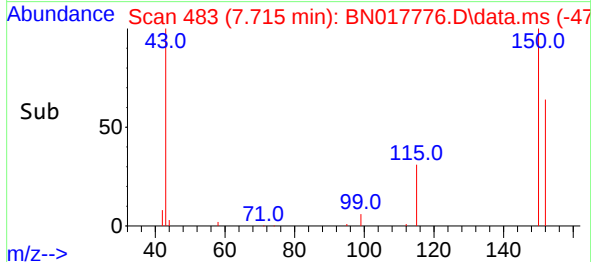
Instrument :
BNA_N
ClientSampleId :
MW-25



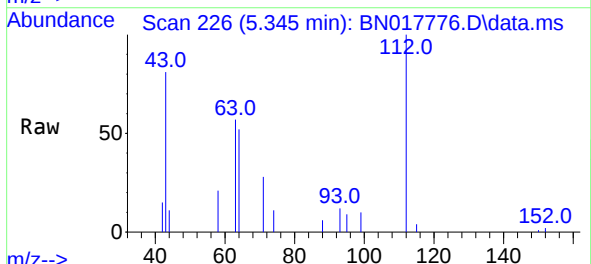
Tgt Ion:152 Resp: 20424
Ion Ratio Lower Upper
152 100
150 155.5 123.0 184.4
115 63.2 45.3 67.9

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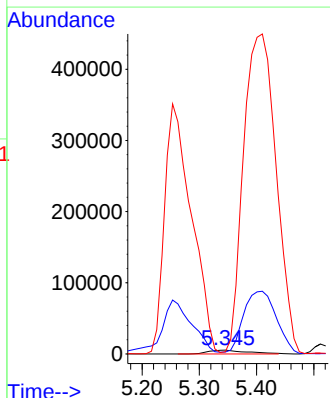
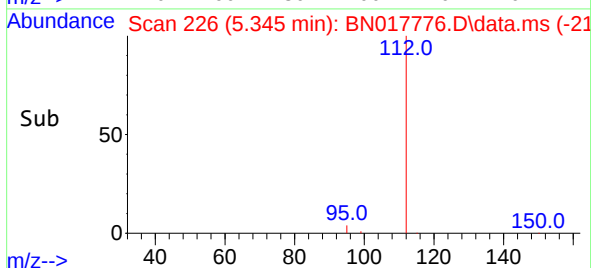
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

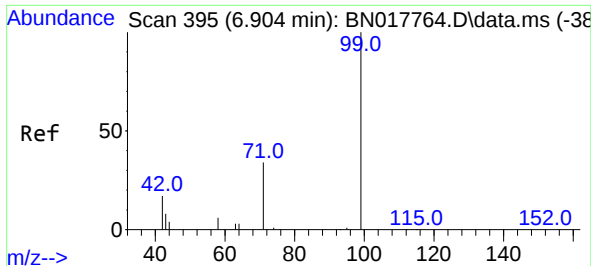


#4
2-Fluorophenol
Concen: 0.50 ng
RT: 5.345 min Scan# 226
Delta R.T. 0.019 min
Lab File: BN01776.D
Acq: 07 Dec 2021 23:00



Tgt Ion:112 Resp: 24745
Ion Ratio Lower Upper
112 100
64 0.0 49.3 73.9#
63 0.0 25.8 38.8#





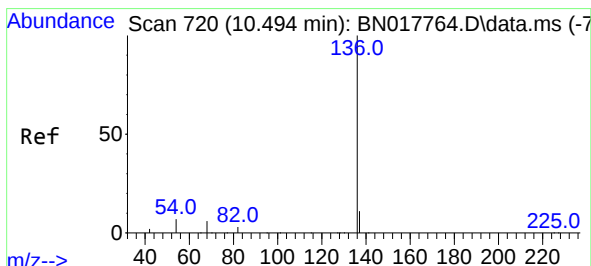
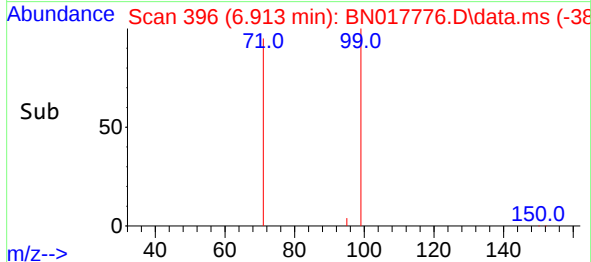
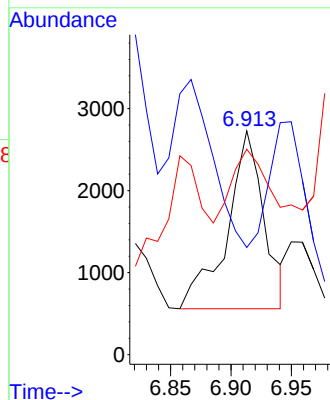
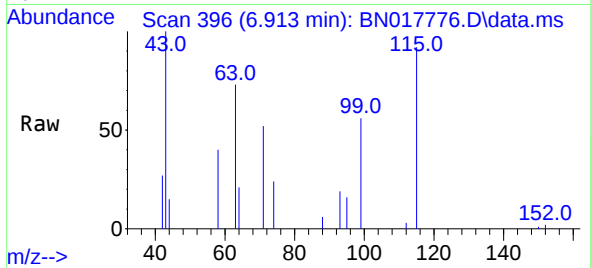
#5
Phenol-d6
Concen: 0.10 ng
RT: 6.913 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Instrument :
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ClientSampleId :
MW-25

Tgt Ion: 99 Resp: 4608
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 52.3 29.0 43.4#

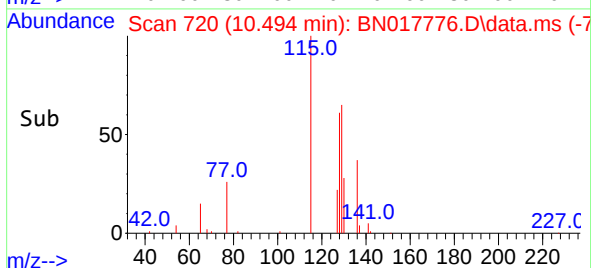
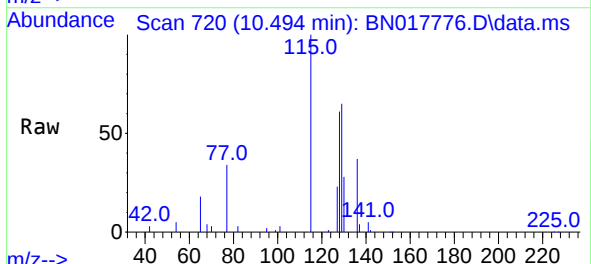
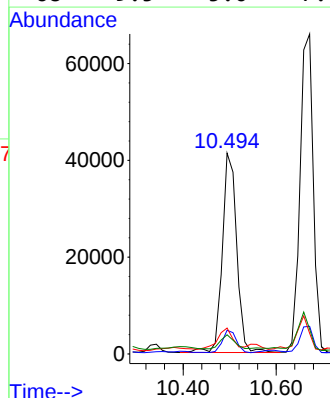
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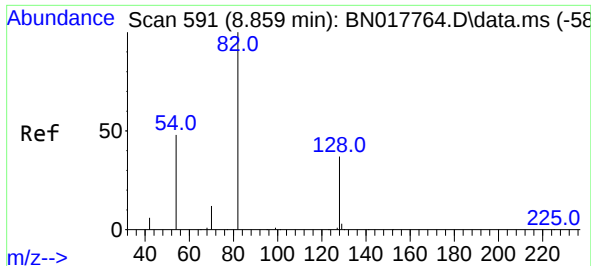
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Supervised By :mohammad ahmed 12/15/2021



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.494 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

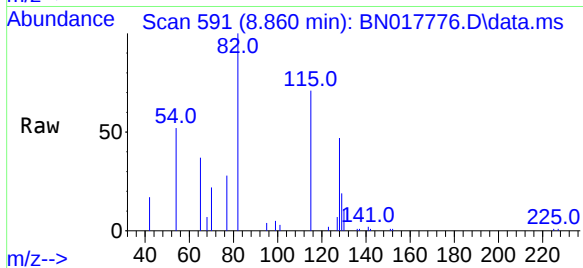
Tgt Ion:136 Resp: 88290
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 12.9 5.9 8.9#
68 9.5 5.0 7.6#





#8
Nitrobenzene-d5
Concen: 0.35 ng m
RT: 8.860 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

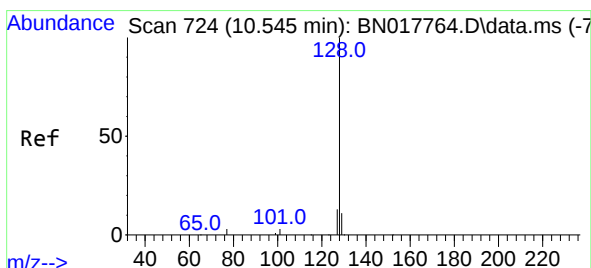
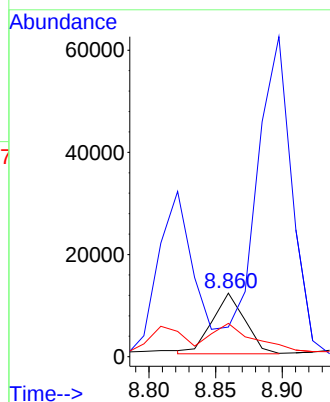
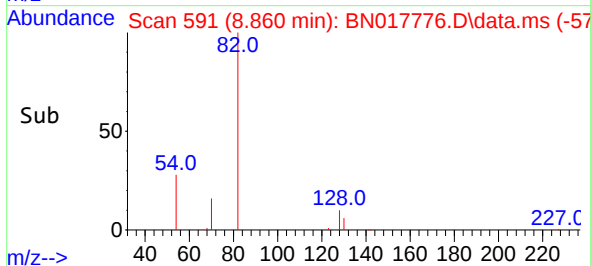
Instrument :
BNA_N
ClientSampleId :
MW-25



Tgt Ion: 82 Resp: 2031
Ion Ratio Lower Upper
82 100
128 46.7 30.2 45.2
54 52.4 39.0 58.6

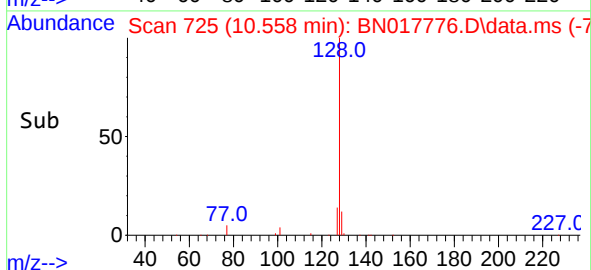
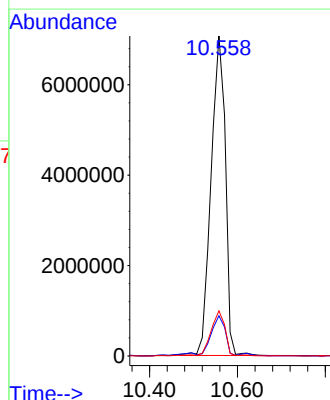
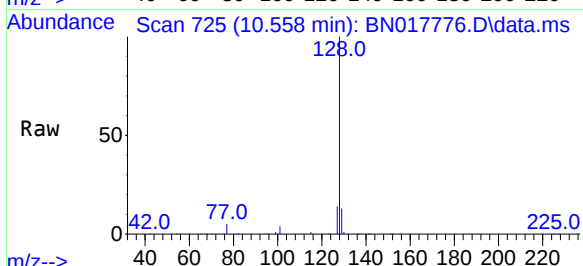
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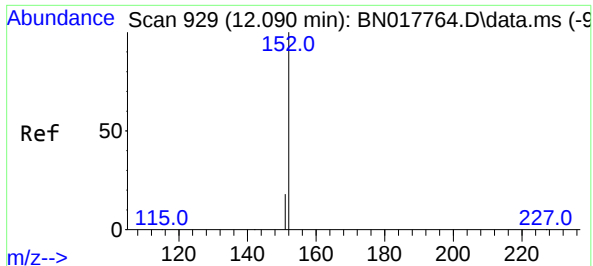
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 69.05 ng
RT: 10.558 min Scan# 725
Delta R.T. 0.013 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:128 Resp:15963247
Ion Ratio Lower Upper
128 100
129 12.6 8.8 13.2
127 14.1 10.6 15.8





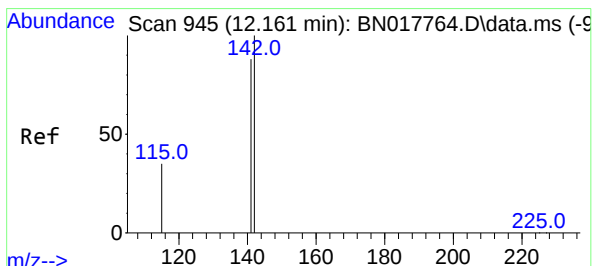
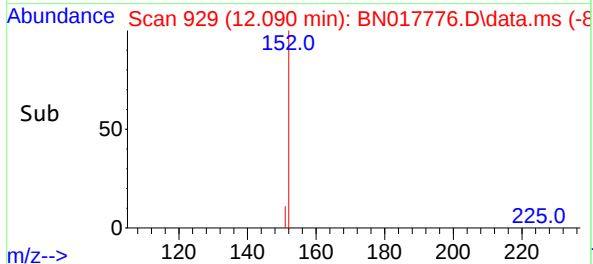
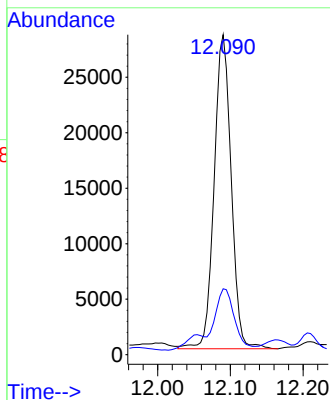
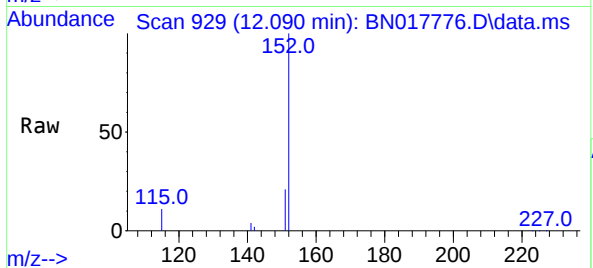
#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.090 min Scan# 911
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Instrument :
BNA_N
ClientSampleId :
MW-25

Tgt Ion:152 Resp: 46100
Ion Ratio Lower Upper
152 100
151 21.6 16.4 24.6

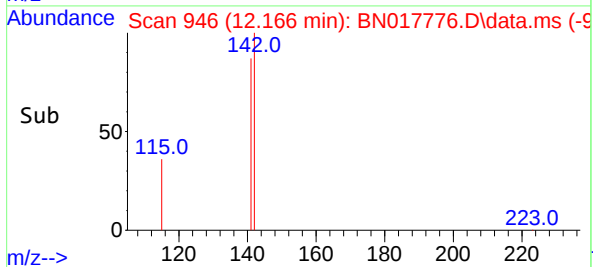
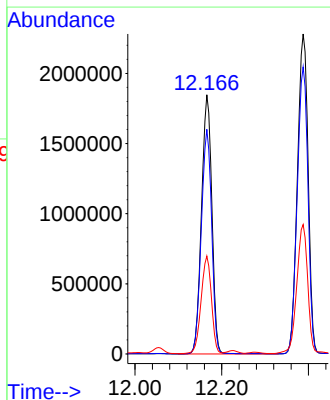
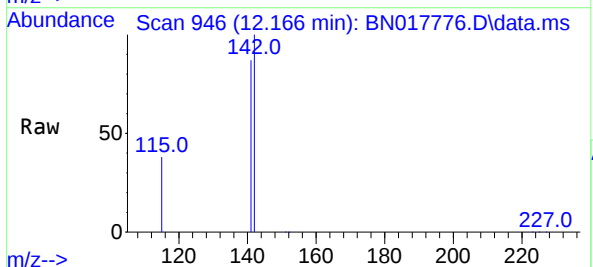
Manual Integrations
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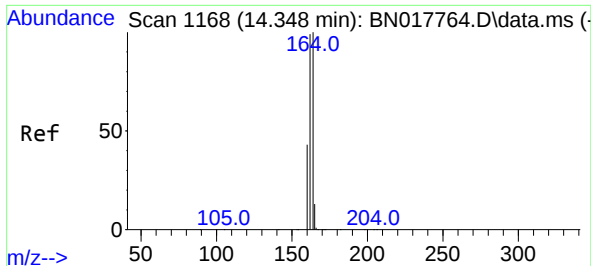
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#12
2-Methylnaphthalene
Concen: 18.44 ng
RT: 12.166 min Scan# 946
Delta R.T. 0.005 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

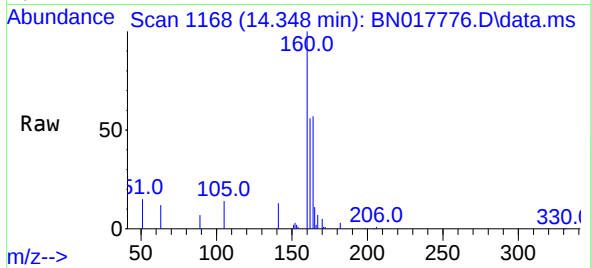
Tgt Ion:142 Resp: 3072235
Ion Ratio Lower Upper
142 100
141 86.7 70.5 105.7
115 37.8 28.0 42.0





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.348 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

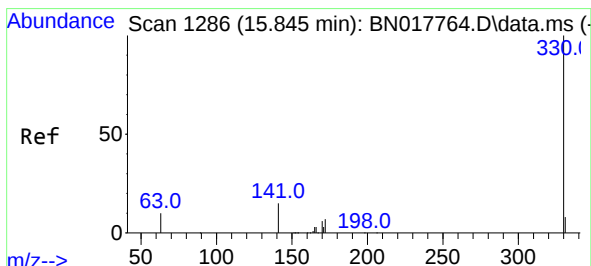
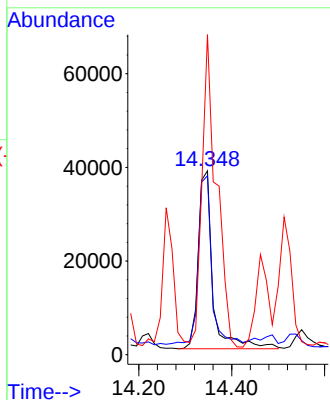
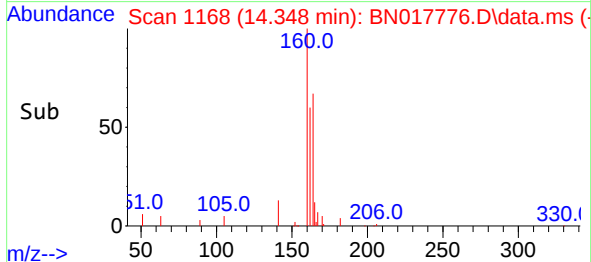
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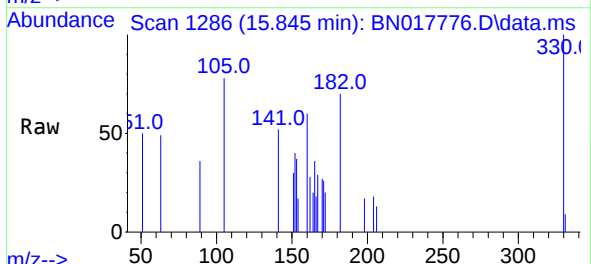
Tgt Ion:164 Resp: 82809
Ion Ratio Lower Upper
164 100
162 97.3 79.0 118.6
160 174.0 34.6 52.0

Manual Integrations
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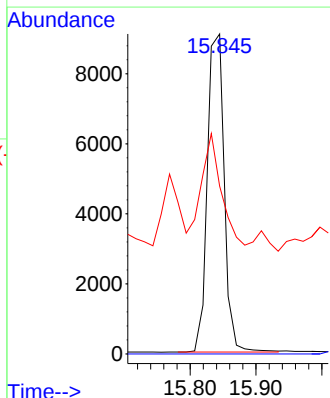
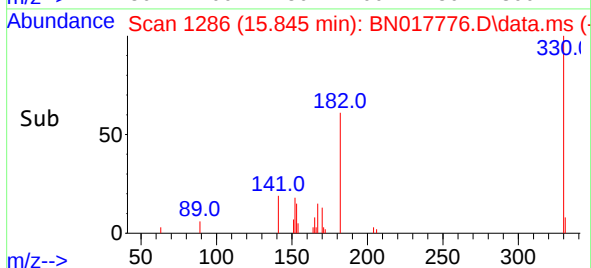
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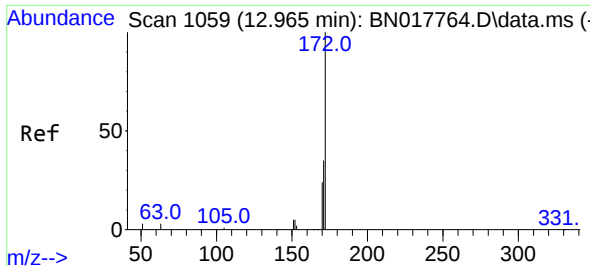


#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.845 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00



Tgt Ion:330 Resp: 16167
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.7 21.5 32.3





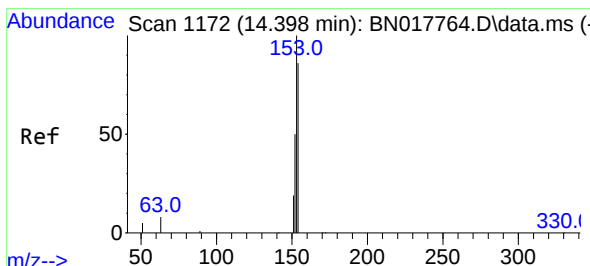
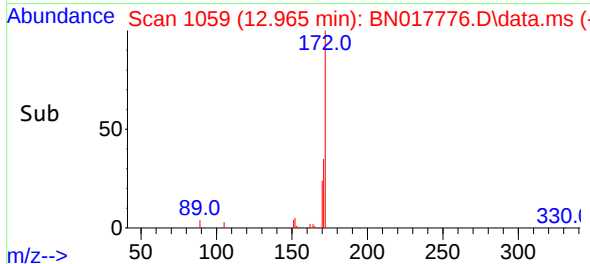
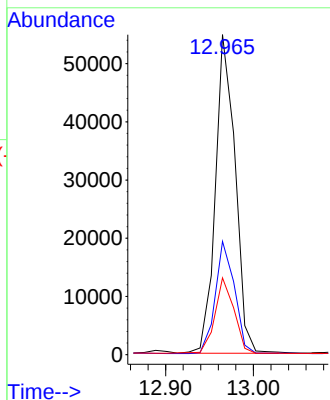
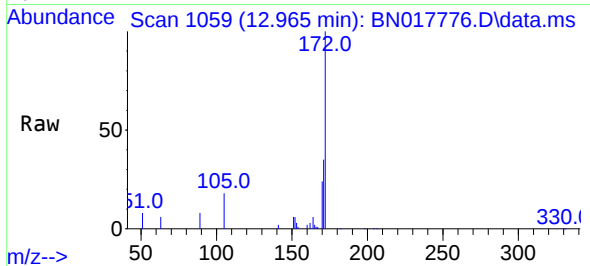
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2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.965 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Instrument :
BNA_N
ClientSampleId :
MW-25

Tgt Ion:172 Resp: 8582
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.0 18.9 28.3

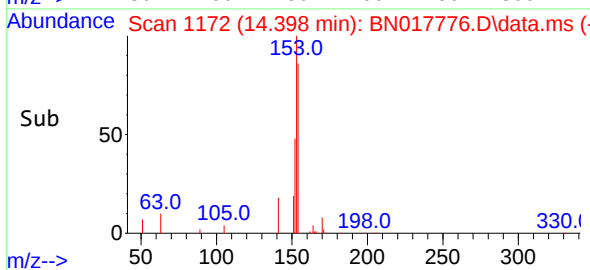
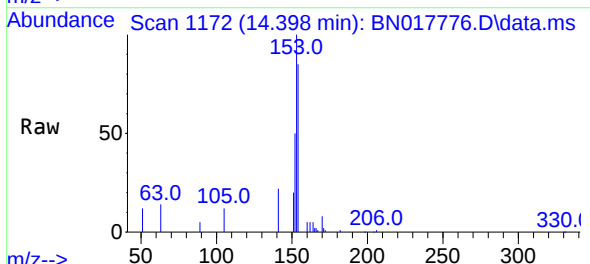
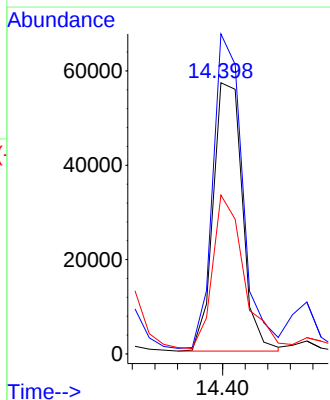
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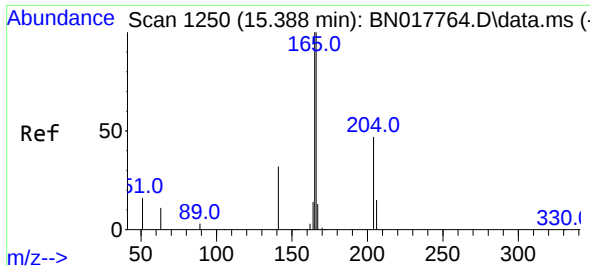
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#17
Acenaphthene
Concen: 0.47 ng
RT: 14.398 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

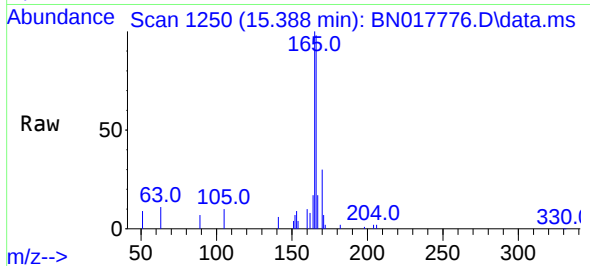
Tgt Ion:154 Resp: 102502
Ion Ratio Lower Upper
154 100
153 118.1 90.1 135.1
152 61.1 43.7 65.5





#18
Fluorene
Concen: 0.36 ng
RT: 15.388 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

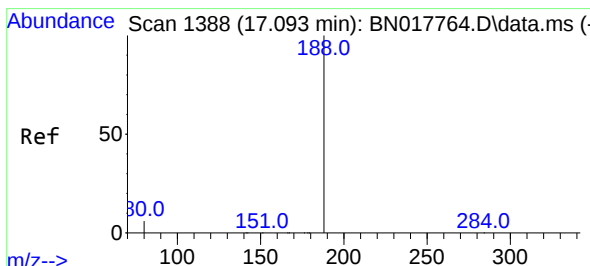
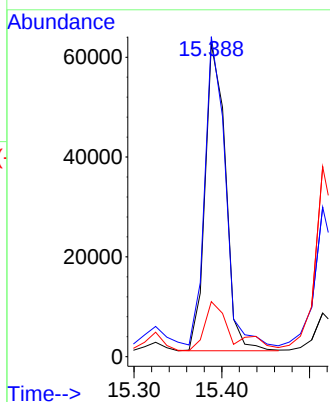
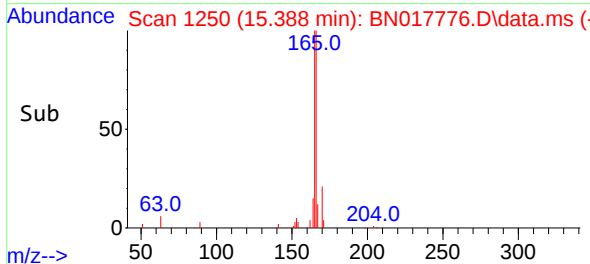
Instrument :
BNA_N
ClientSampleId :
MW-25



Tgt Ion:166 Resp: 99770
Ion Ratio Lower Upper
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165 99.6 77.8 116.8
167 21.3 11.0 16.4

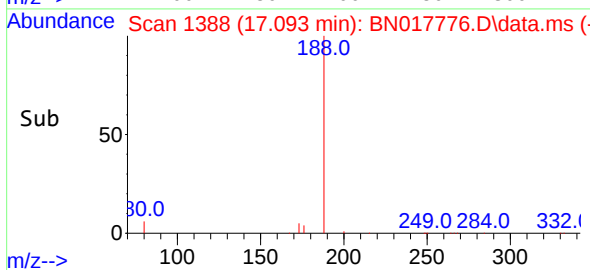
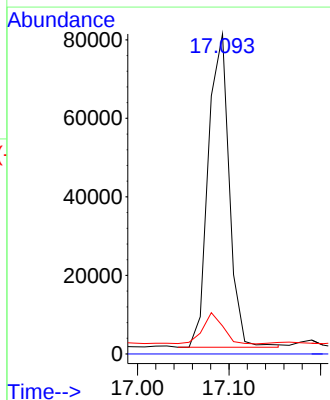
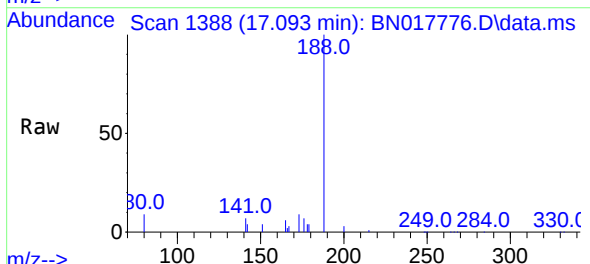
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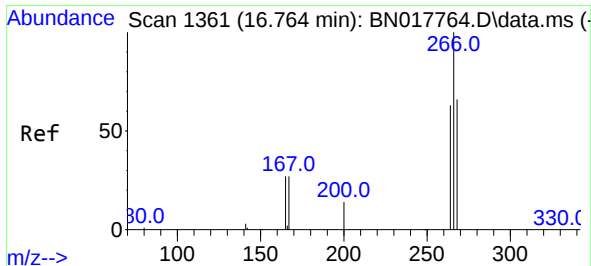
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.093 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:188 Resp: 126533
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.8 5.1 7.7





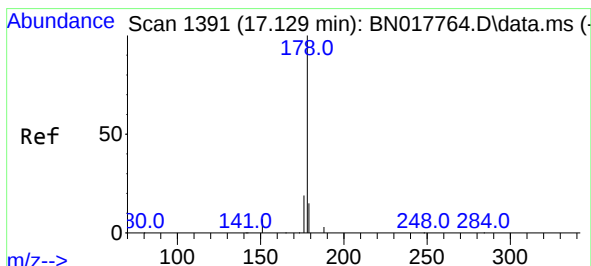
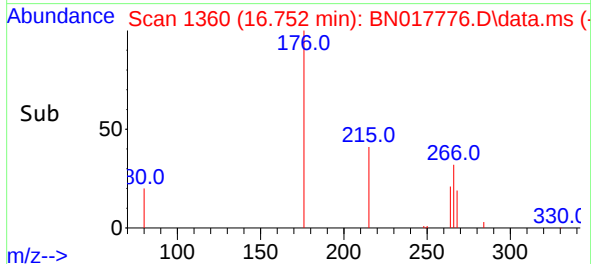
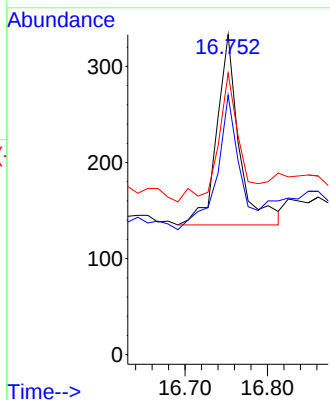
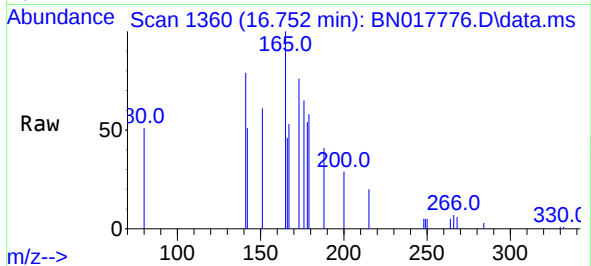
#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Instrument :
BNA_N
ClientSampleId :
MW-25

Tgt Ion:266 Resp: 374
Ion Ratio Lower Upper
266 100
264 71.7 50.8 76.2
268 64.7 51.8 77.6

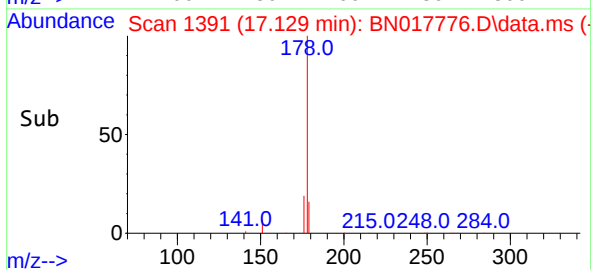
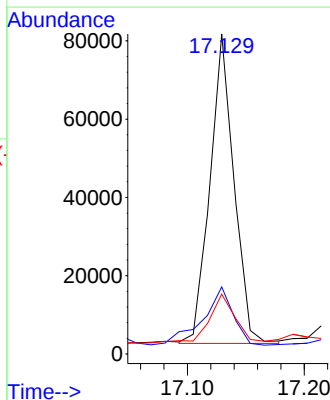
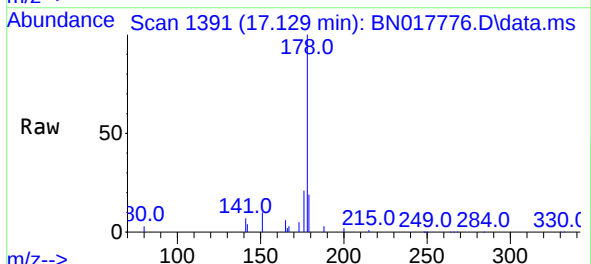
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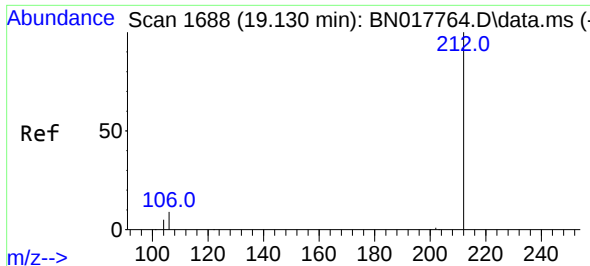
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#25
Phenanthrene
Concen: 0.34 ng m
RT: 17.129 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

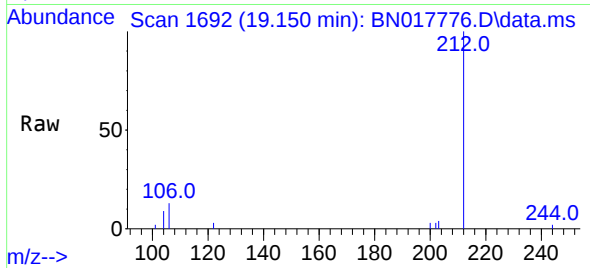
Tgt Ion:178 Resp: 112885
Ion Ratio Lower Upper
178 100
176 24.0 15.0 22.6#
179 18.2 12.5 18.7





#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.150 min Scan# 10
Delta R.T. 0.020 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

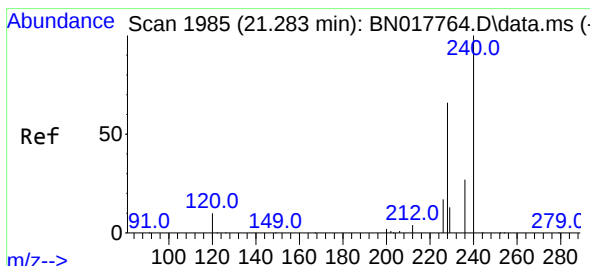
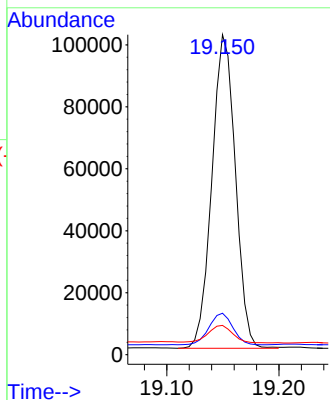
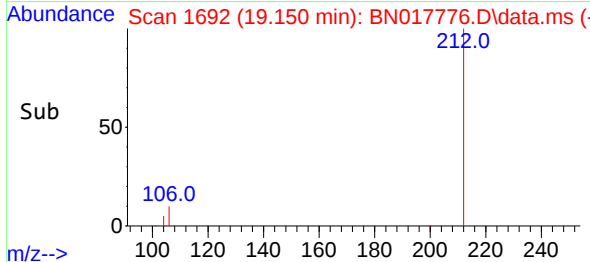
Instrument :
BNA_N
ClientSampleId :
MW-25



Tgt Ion:212 Resp: 147050
Ion Ratio Lower Upper
212 100
106 10.3 8.2 12.2
104 6.0 4.6 6.8

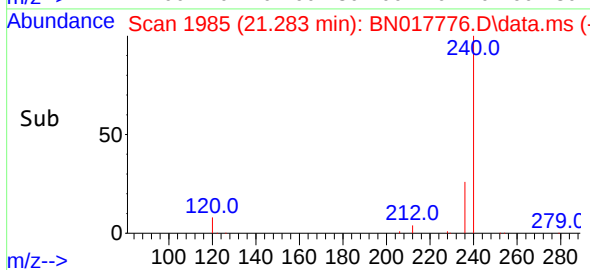
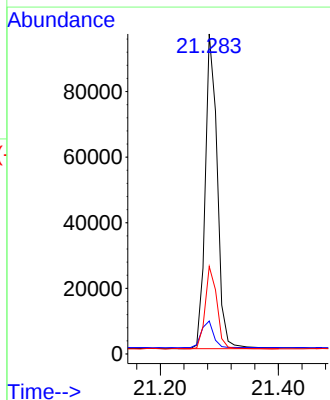
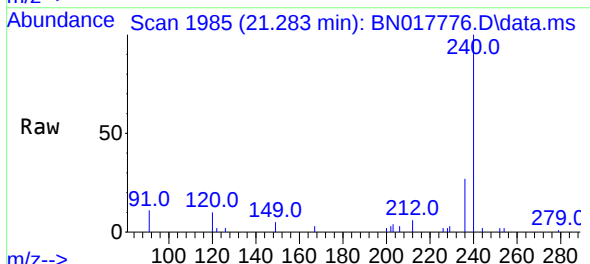
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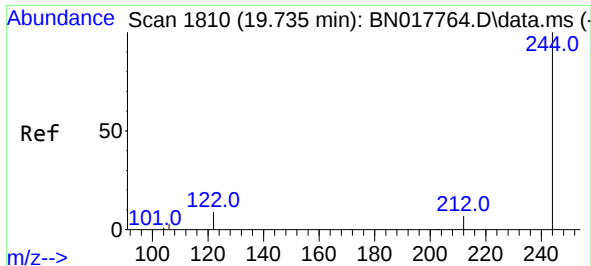
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.283 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Tgt Ion:240 Resp: 136041
Ion Ratio Lower Upper
240 100
120 10.3 7.9 11.9
236 27.3 21.4 32.2





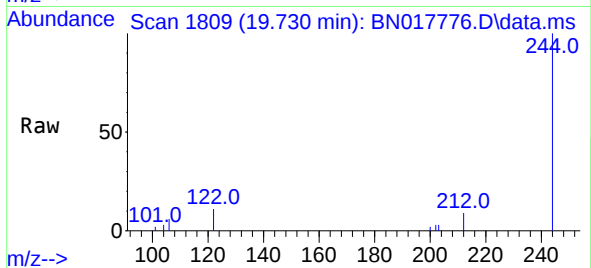
#31
 Terphenyl-d14
 Concen: 0.47 ng
 RT: 19.730 min Scan# 1810
 Delta R.T. -0.005 min
 Lab File: BN017776.D
 Acq: 07 Dec 2021 23:00

Instrument :

BNA_N

ClientSampleId :

MW-25

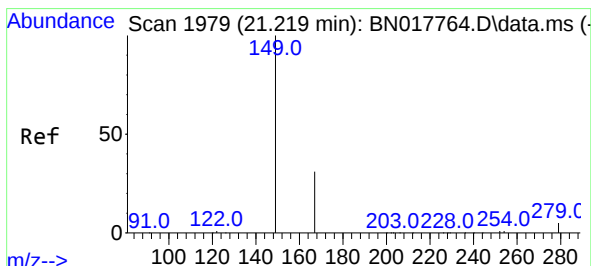
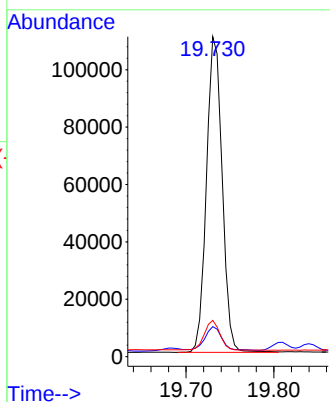
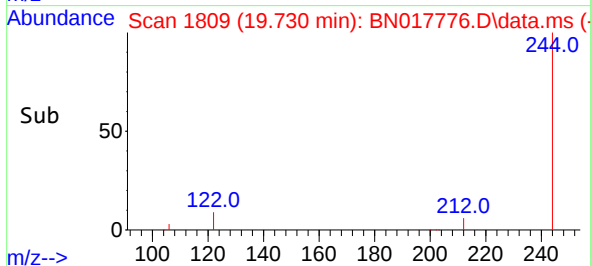


Tgt Ion:244 Resp: 13648
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8
 122 11.3 7.1 10.7

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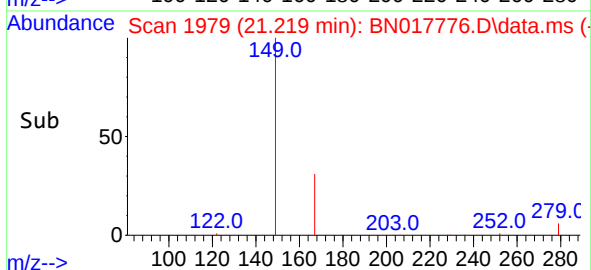
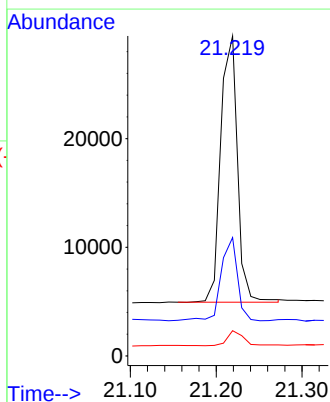
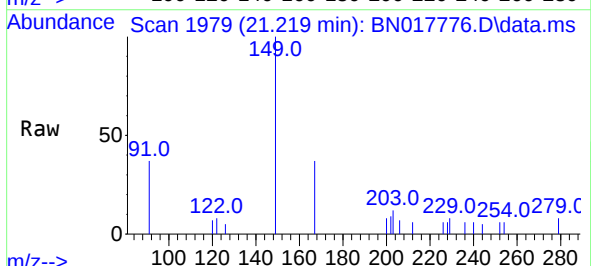
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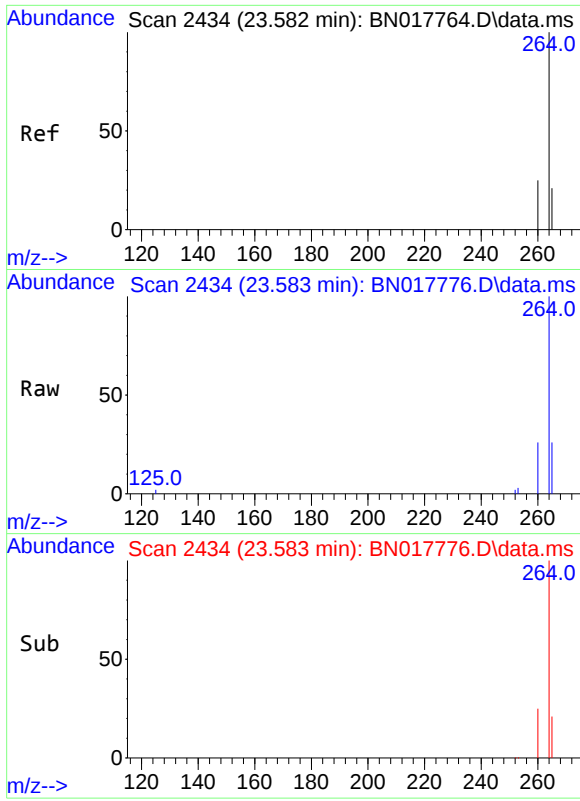
Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.18 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: BN017776.D
 Acq: 07 Dec 2021 23:00

Tgt Ion:149 Resp: 33221
 Ion Ratio Lower Upper
 149 100
 167 30.3 23.5 35.3
 279 5.4 3.8 5.6





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.583 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN017776.D
Acq: 07 Dec 2021 23:00

Instrument :
BNA_N
ClientSampleId :
MW-25

Tgt Ion:264 Resp: 12469
Ion Ratio Lower Upper
264 100
260 25.5 20.0 30.0
265 26.4 20.5 30.7

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

