

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017784.D
 Acq On : 08 Dec 2021 04:58
 Operator : CG/JU
 Sample : M4917-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-27

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 07:35:32 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	20136	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	87575	0.40	ng	# 0.00
13) Acenaphthene-d10	14.347	164	98146	0.40	ng	# 0.00
19) Phenanthrene-d10	17.093	188	111151	0.40	ng	# 0.00
29) Chrysene-d12	21.293	240	146119	0.40	ng	0.01
35) Perylene-d12	23.586	264	121393	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	14912	0.31	ng	0.00
5) Phenol-d6	6.913	99	4846	0.11	ng	0.00
8) Nitrobenzene-d5	8.859	82	41078m	0.71	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	47261	0.27	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	14993	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	92712	0.26	ng	0.00
27) Fluoranthene-d10	19.134	212	122501	0.33	ng	0.00
31) Terphenyl-d14	19.735	244	116424	0.37	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.545	128	4361439	19.02	ng	99
12) 2-Methylnaphthalene	12.161	142	1258934	7.62	ng	98
17) Acenaphthene	14.411	154	71828	0.28	ng	# 72
18) Fluorene	15.400	166	120286	0.37	ng	# 94
24) Pentachlorophenol	16.764	266	1160	0.32	ng	88
25) Phenanthrene	17.129	178	128582m	0.44	ng	
26) Anthracene	17.202	178	17486	0.07	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.219	149	22677	0.11	ng	# 60

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

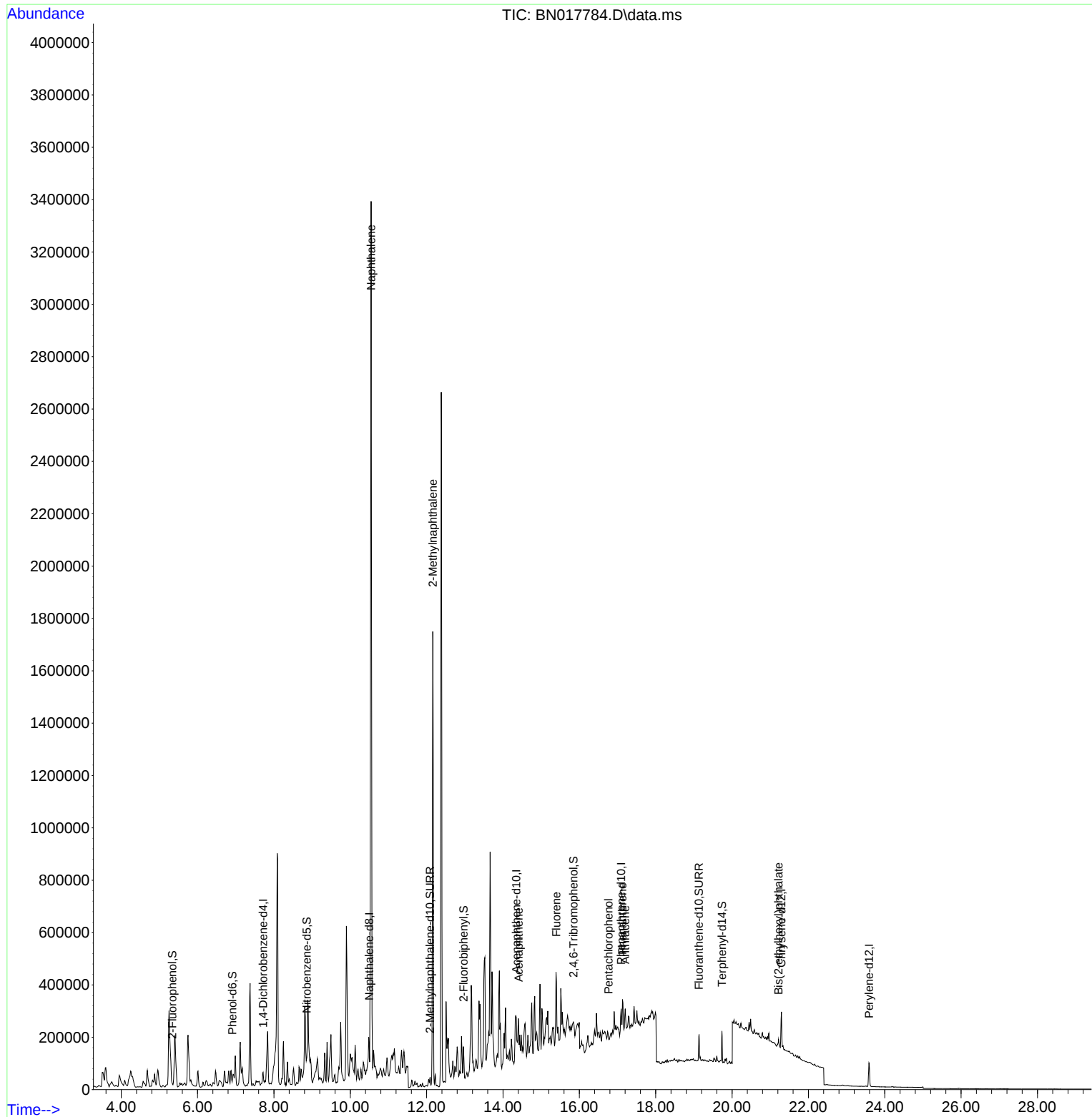
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017784.D
Acq On : 08 Dec 2021 04:58
Operator : CG/JU
Sample : M4917-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

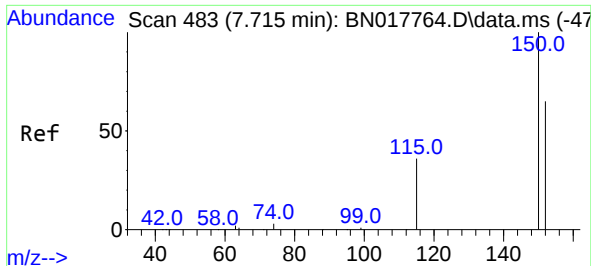
Instrument :
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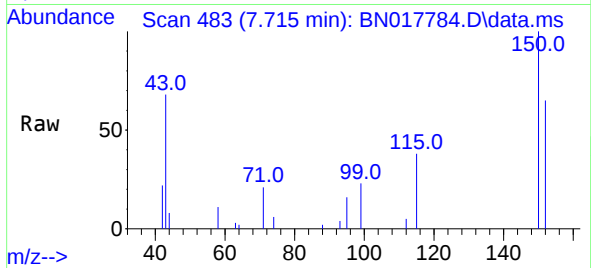
Quant Time: Dec 08 07:35:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

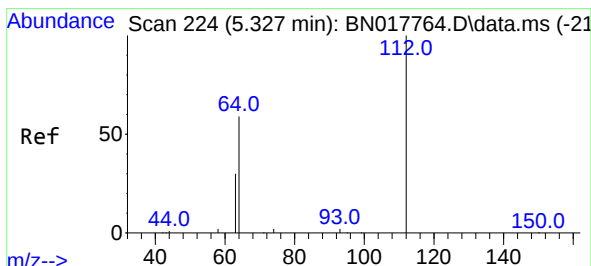
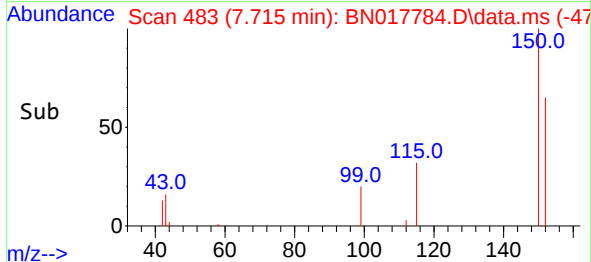
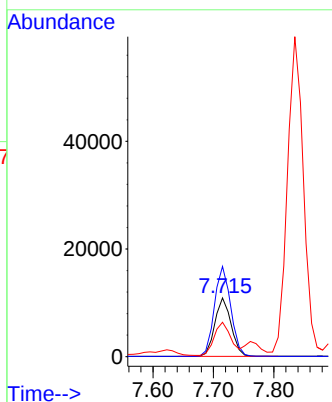
Instrument :
BNA_N
ClientSampleId :
MW-27



Tgt Ion:152 Resp: 20130
Ion Ratio Lower Upper
152 100
150 153.7 123.0 184.4
115 58.6 45.3 67.9

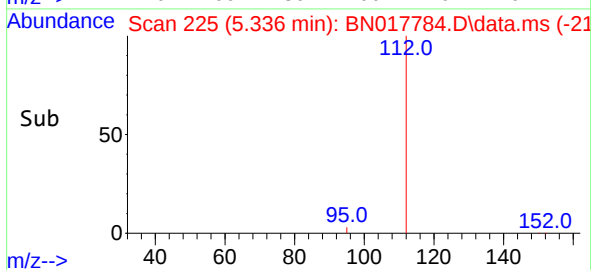
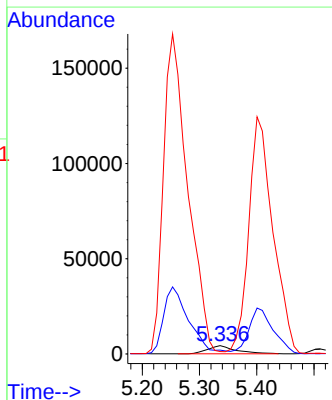
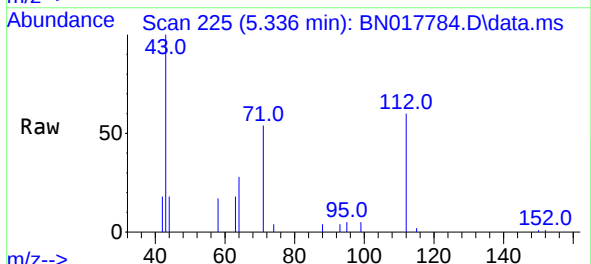
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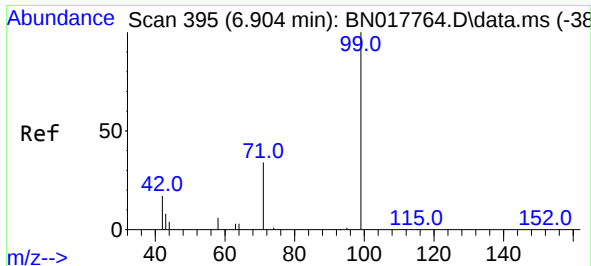
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:112 Resp: 14912
Ion Ratio Lower Upper
112 100
64 0.0 49.3 73.9#
63 0.0 25.8 38.8#





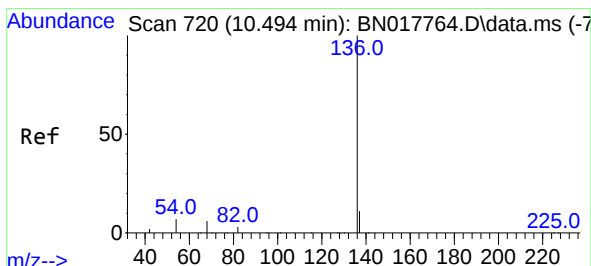
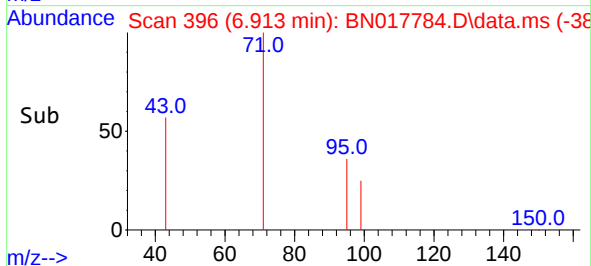
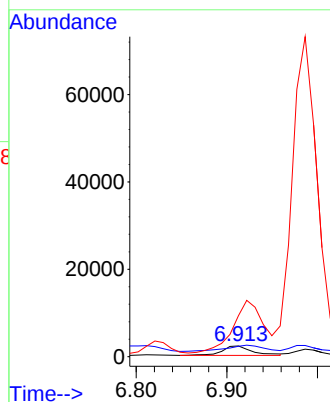
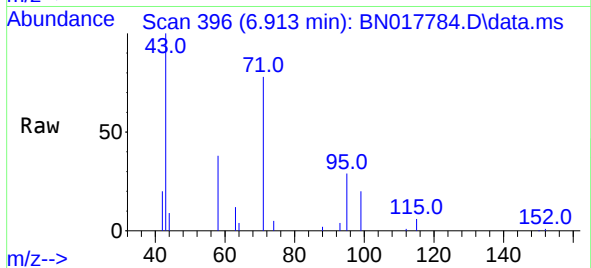
#5
Phenol-d6
Concen: 0.11 ng
RT: 6.913 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Instrument :
BNA_N
ClientSampleId :
MW-27

Tgt Ion: 99 Resp: 4840
Ion Ratio Lower Upper
99 100
42 81.5 16.6 25.0#
71 569.7 29.0 43.4#

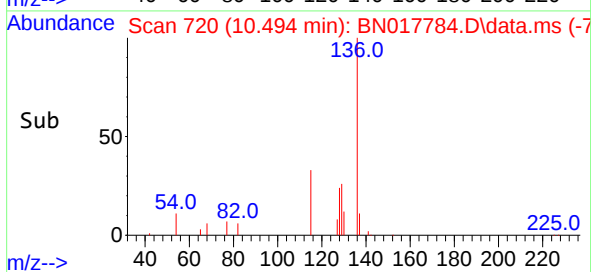
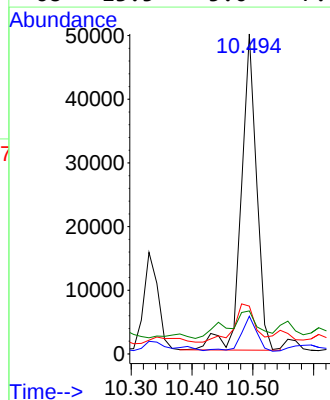
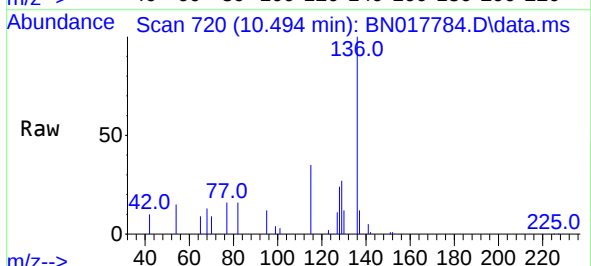
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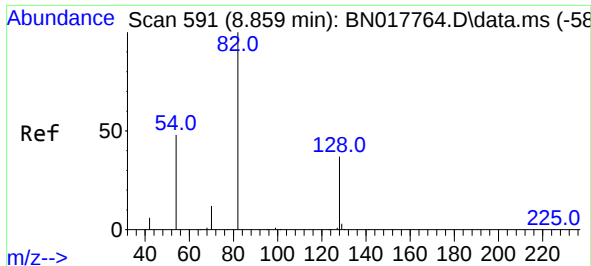
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

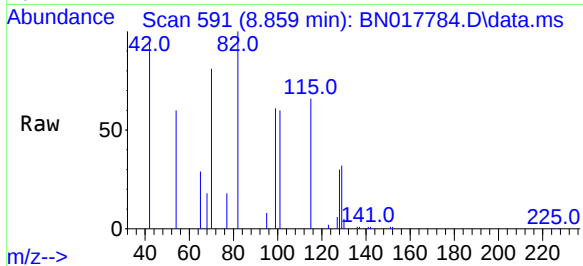
Tgt Ion:136 Resp: 87575
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 14.9 5.9 8.9#
68 13.5 5.0 7.6#





#8
Nitrobenzene-d5
Concen: 0.71 ng m
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

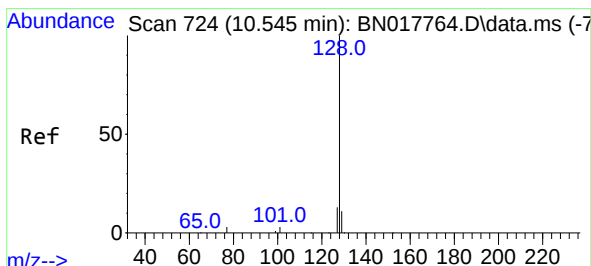
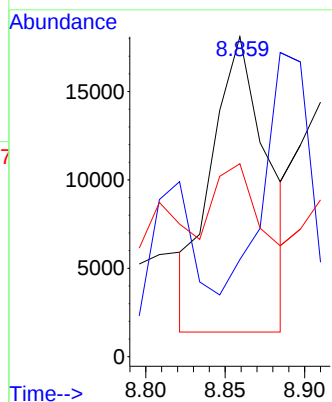
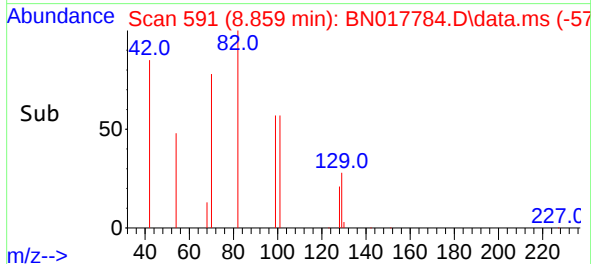
Instrument :
BNA_N
ClientSampleId :
MW-27



Tgt Ion: 82 Resp: 41078
Ion Ratio Lower Upper
82 100
128 30.4 30.2 45.2
54 60.3 39.0 58.6

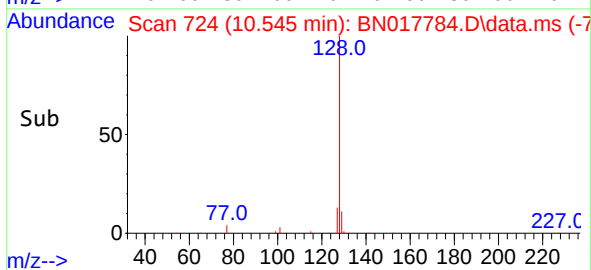
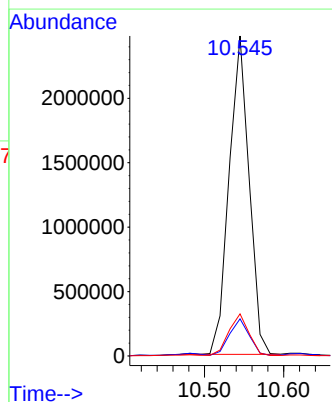
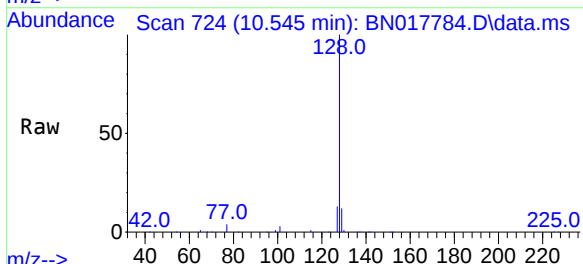
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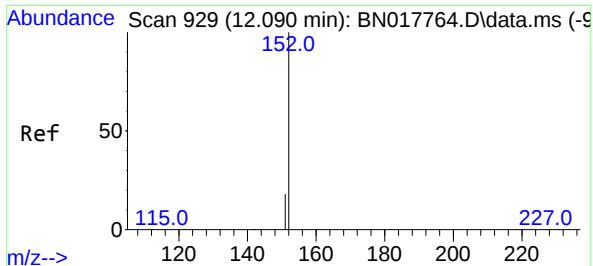
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 19.02 ng
RT: 10.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

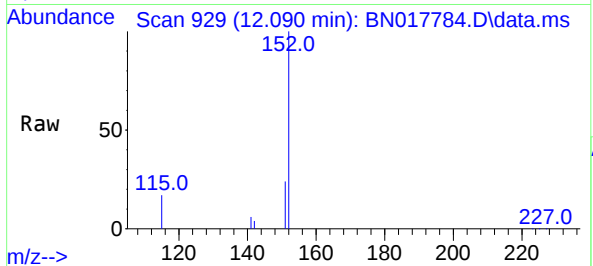
Tgt Ion:128 Resp: 4361439
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.2 10.6 15.8





#11
2-Methylnaphthalene-d10
Concen: 0.27 ng
RT: 12.090 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

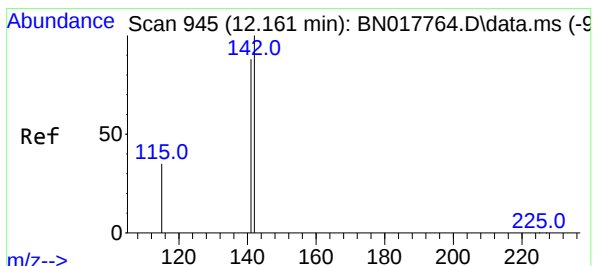
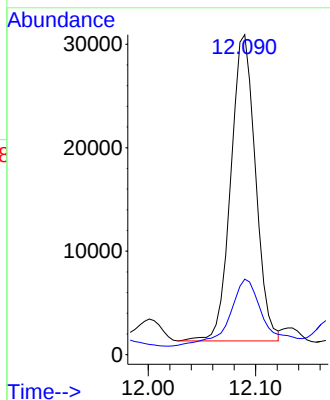
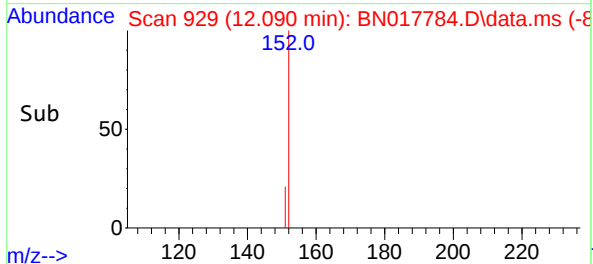
Instrument :
BNA_N
ClientSampleId :
MW-27



Tgt Ion:152 Resp: 4726
Ion Ratio Lower Upper
152 100
151 30.5 16.4 24.6

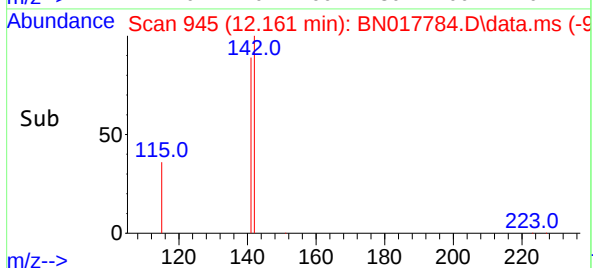
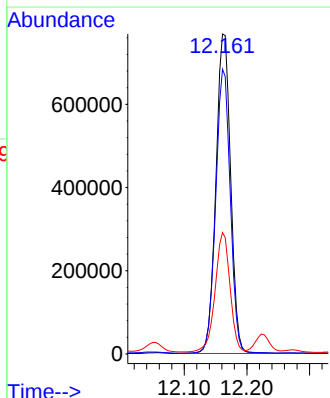
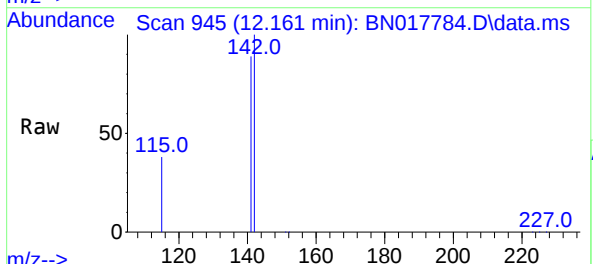
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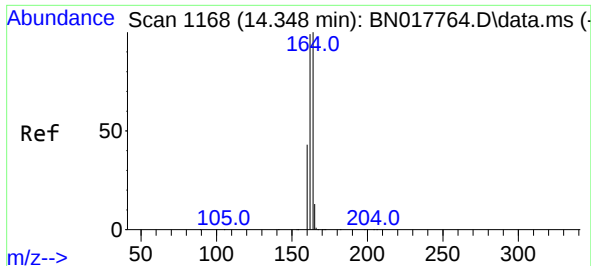
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#12
2-Methylnaphthalene
Concen: 7.62 ng
RT: 12.161 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

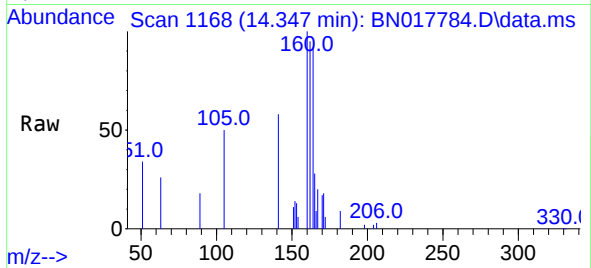
Tgt Ion:142 Resp: 1258934
Ion Ratio Lower Upper
142 100
141 89.0 70.5 105.7
115 38.0 28.0 42.0





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

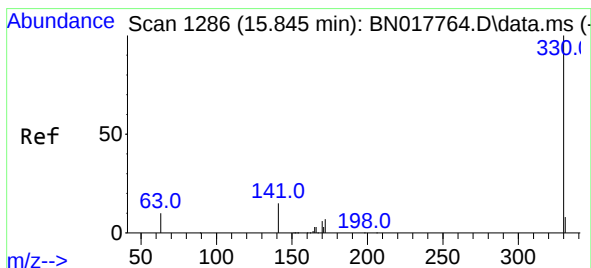
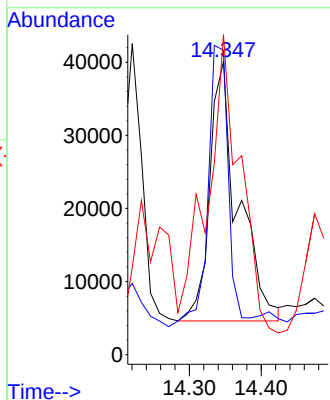
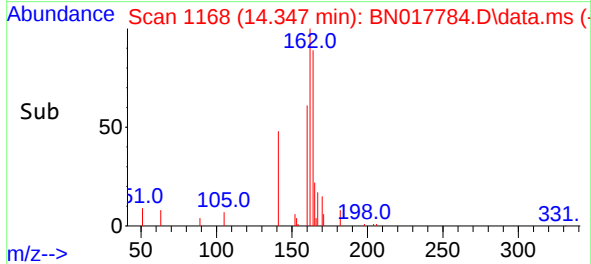
Instrument :
BNA_N
ClientSampleId :
MW-27



Tgt Ion:164 Resp: 98140
Ion Ratio Lower Upper
164 100
162 103.9 79.0 118.6
160 109.2 34.6 52.0

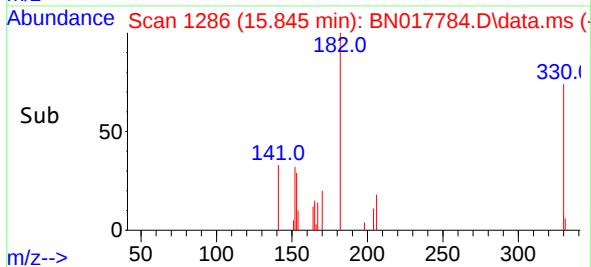
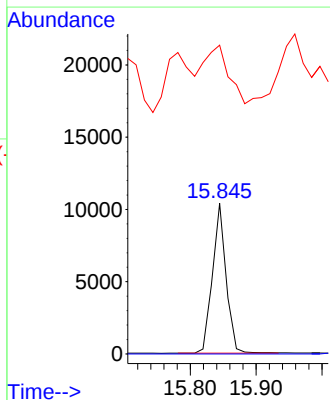
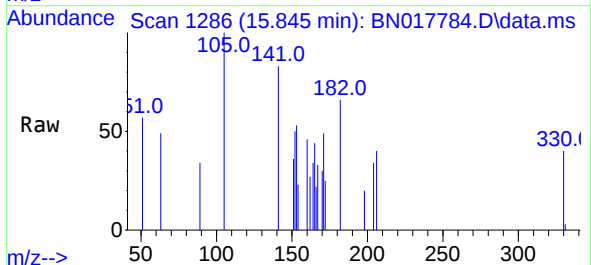
Manual Integrations
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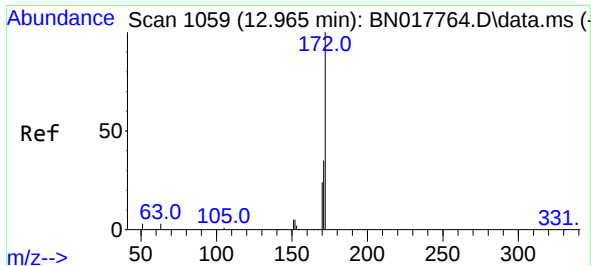
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 15.845 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

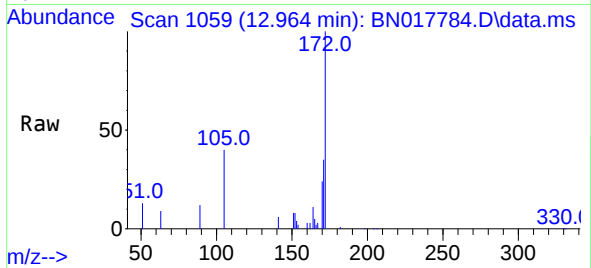
Tgt Ion:330 Resp: 14993
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 58.1 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

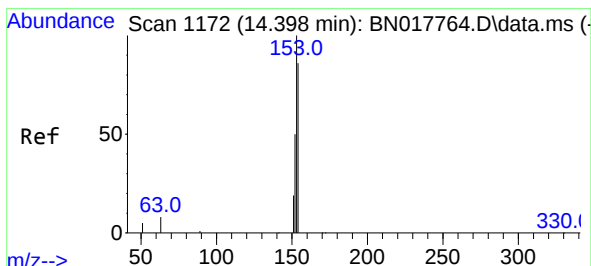
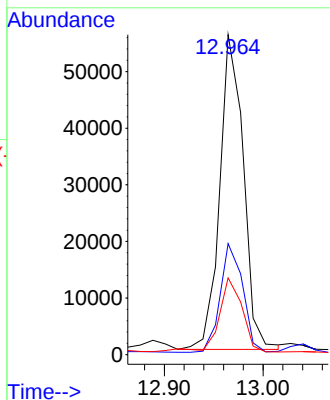
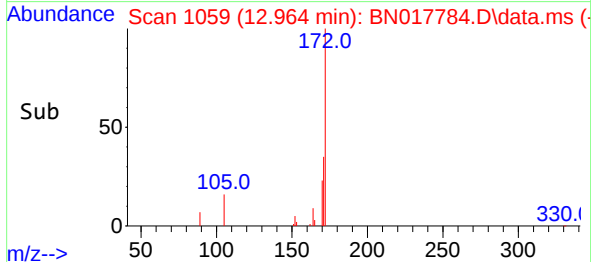
Instrument :
BNA_N
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MW-27



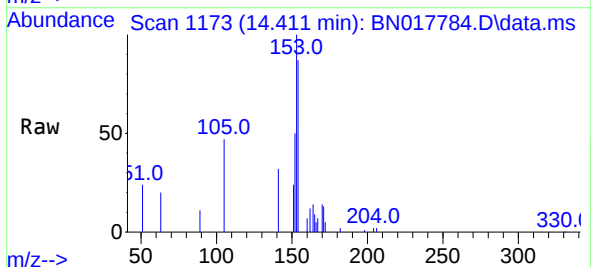
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Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 24.0 18.9 28.3

Manual Integrations
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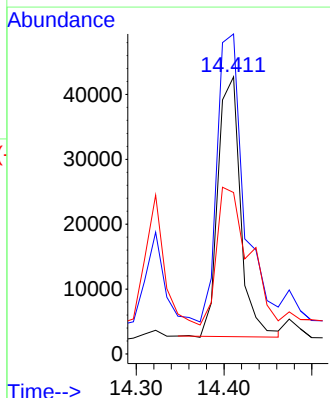
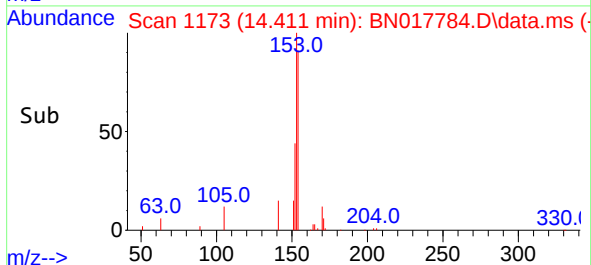
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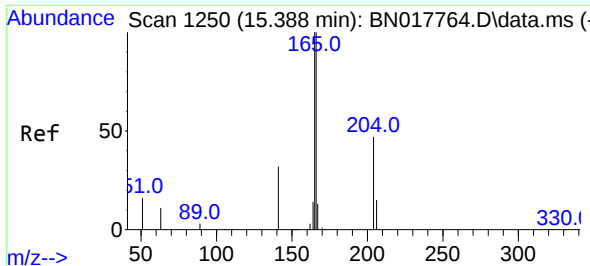


#17
Acenaphthene
Concen: 0.28 ng
RT: 14.411 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58



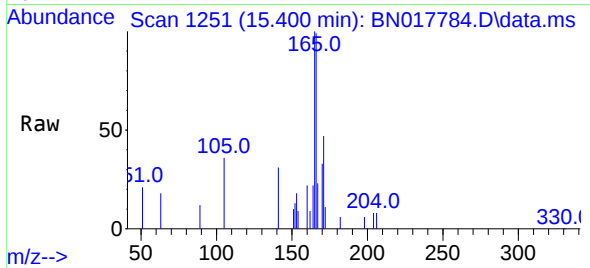
Tgt Ion:154 Resp: 71828
Ion Ratio Lower Upper
154 100
153 138.6 90.1 135.1#
152 79.7 43.7 65.5#





#18
Fluorene
Concen: 0.37 ng
RT: 15.400 min Scan# 1251
Delta R.T. 0.013 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

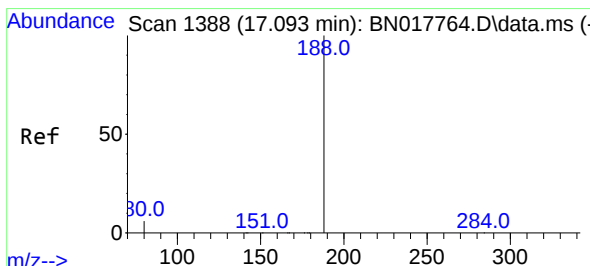
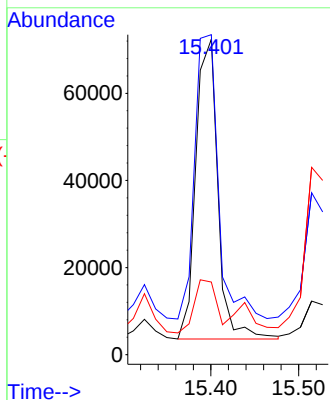
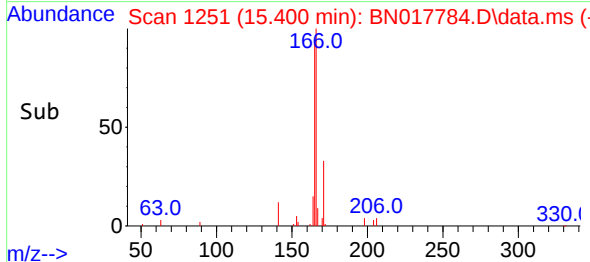
Instrument :
BNA_N
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MW-27



Tgt Ion:166 Resp: 120280
Ion Ratio Lower Upper
166 100
165 102.2 77.8 116.8
167 20.3 11.0 16.4

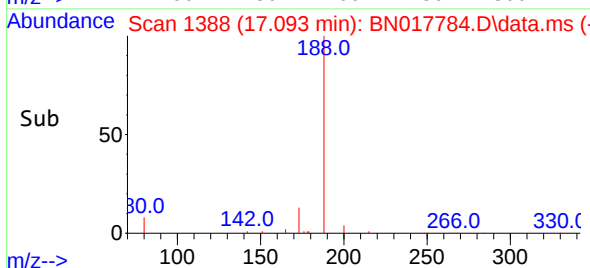
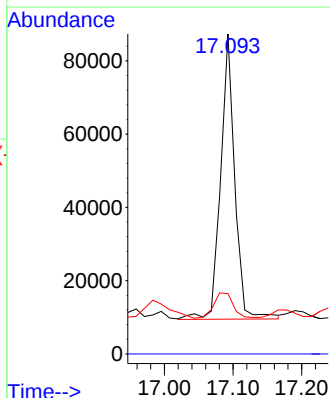
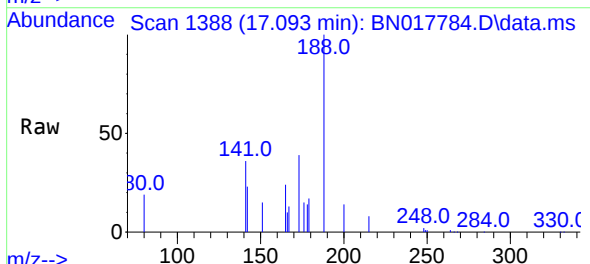
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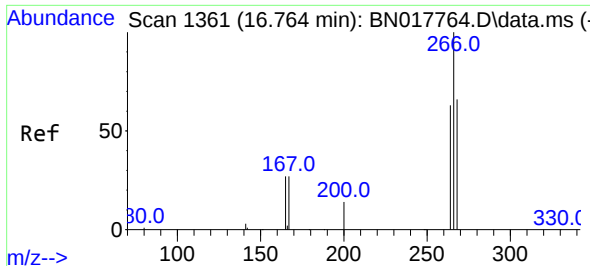
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.093 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

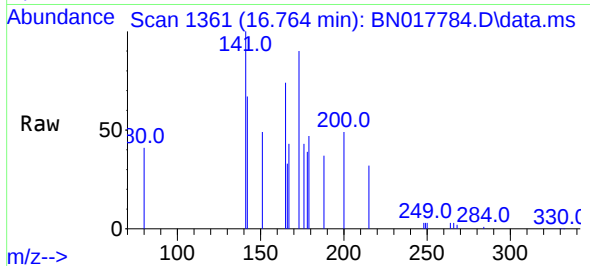
Tgt Ion:188 Resp: 111151
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 18.9 5.1 7.7





#24
Pentachlorophenol
Concen: 0.32 ng
RT: 16.764 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

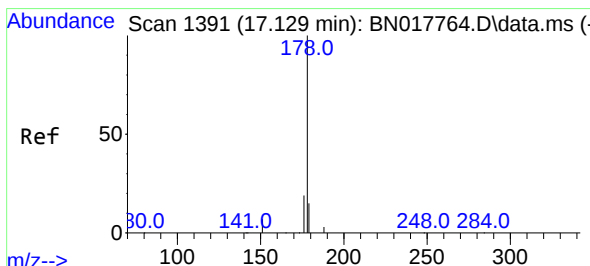
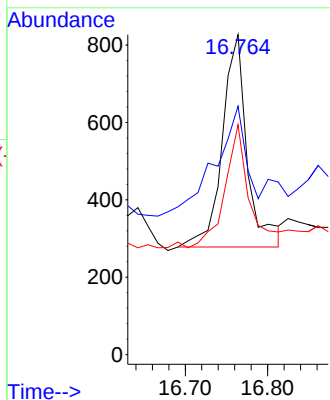
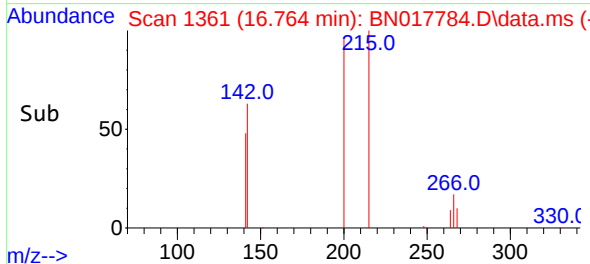
Instrument :
BNA_N
ClientSampleId :
MW-27



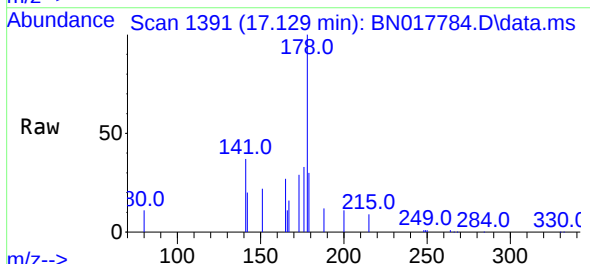
Tgt Ion:266 Resp: 1160
Ion Ratio Lower Upper
266 100
264 51.9 50.8 76.2
268 56.8 51.8 77.6

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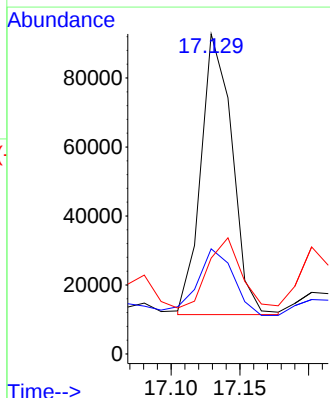
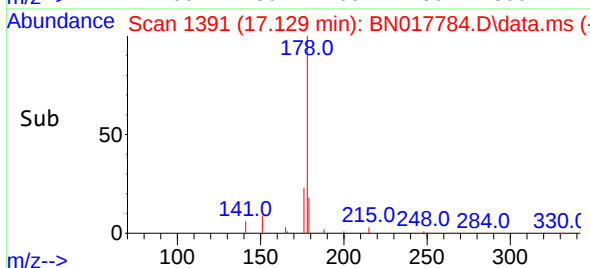
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

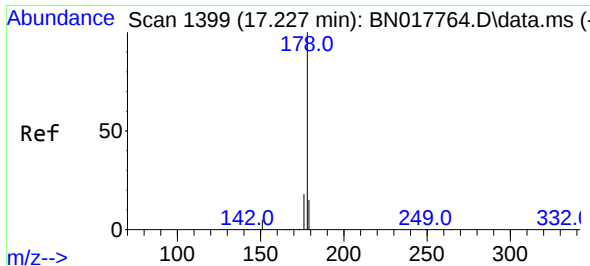


#25
Phenanthrene
Concen: 0.44 ng m
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58



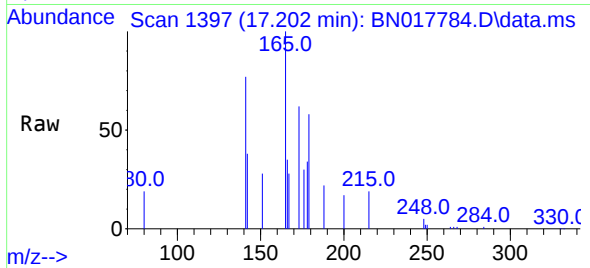
Tgt Ion:178 Resp: 128582
Ion Ratio Lower Upper
178 100
176 27.6 15.0 22.6#
179 26.4 12.5 18.7#





#26
 Anthracene
 Concen: 0.07 ng
 RT: 17.202 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: BN017784.D
 Acq: 08 Dec 2021 04:58

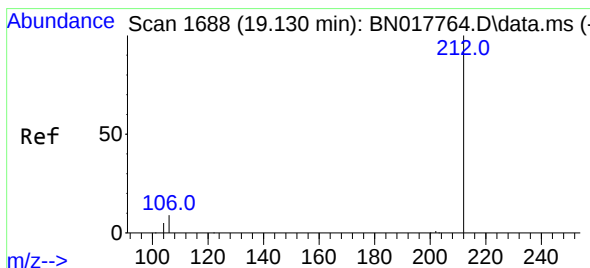
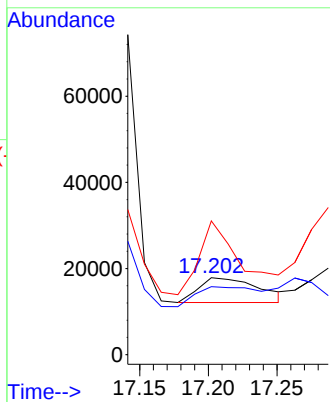
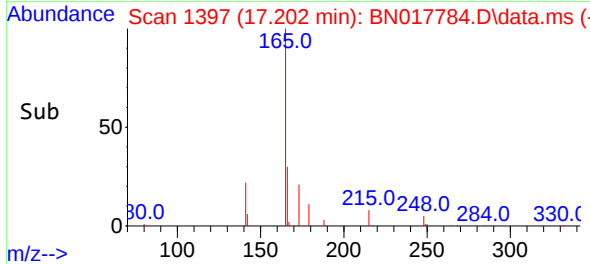
Instrument :
 BNA_N
 ClientSampleId :
 MW-27



Tgt Ion:178 Resp: 17480
 Ion Ratio Lower Upper
 178 100
 176 82.8 14.5 21.7
 179 207.8 12.2 18.4

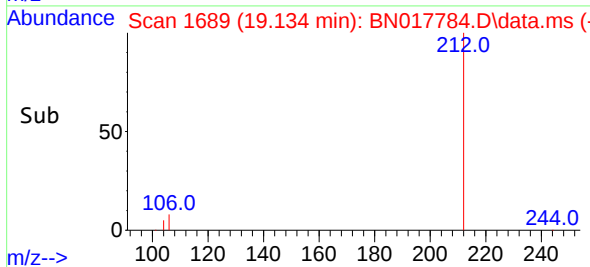
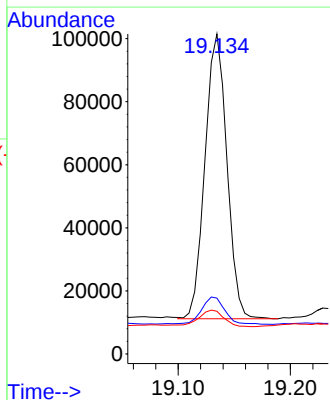
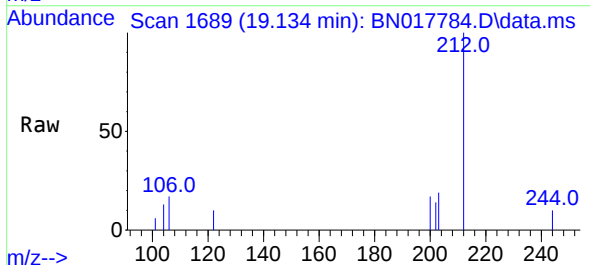
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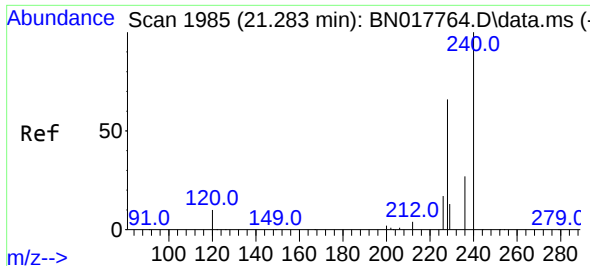
Reviewed By :Jagrut Upadhyay 12/08/2021
 Supervised By :mohammad ahmed 12/15/2021



#27
 Fluoranthene-d10
 Concen: 0.33 ng
 RT: 19.134 min Scan# 1689
 Delta R.T. 0.005 min
 Lab File: BN017784.D
 Acq: 08 Dec 2021 04:58

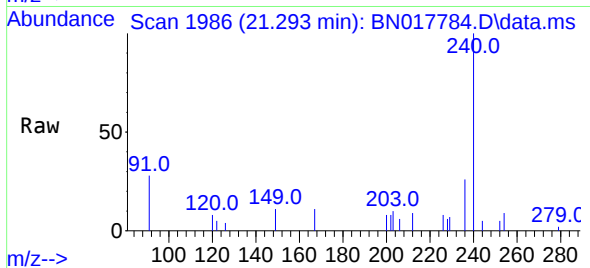
Tgt Ion:212 Resp: 122501
 Ion Ratio Lower Upper
 212 100
 106 10.2 8.2 12.2
 104 6.7 4.6 6.8





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.011 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

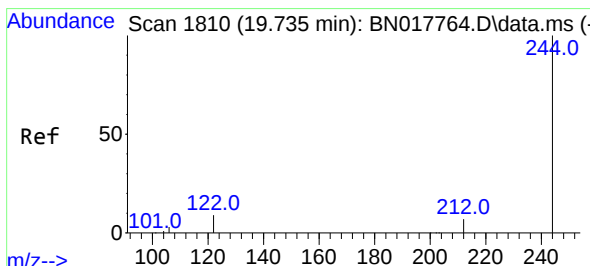
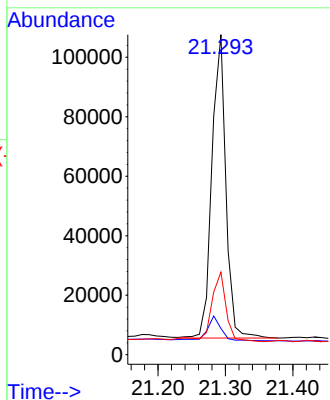
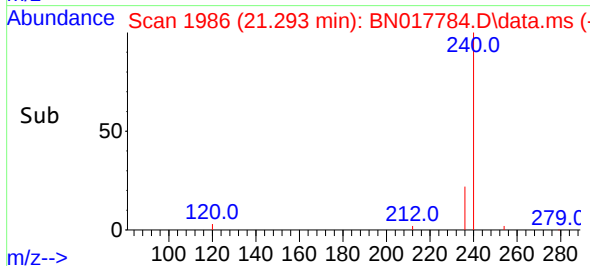
Instrument :
BNA_N
ClientSampleId :
MW-27



Tgt Ion:240 Resp: 146119
Ion Ratio Lower Upper
240 100
120 8.2 7.9 11.9
236 25.8 21.4 32.2

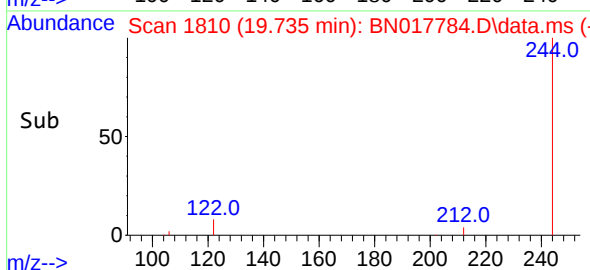
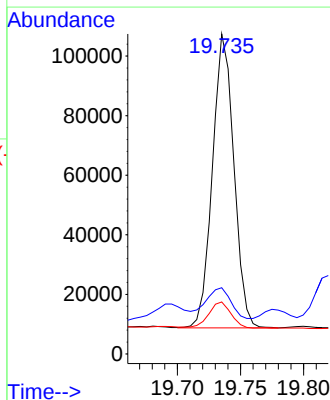
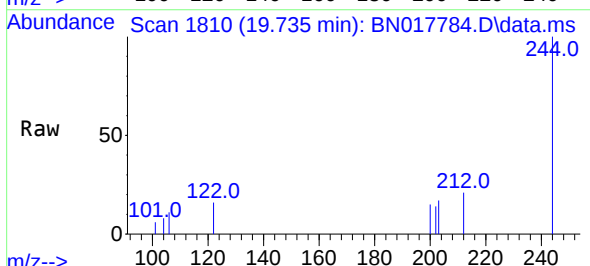
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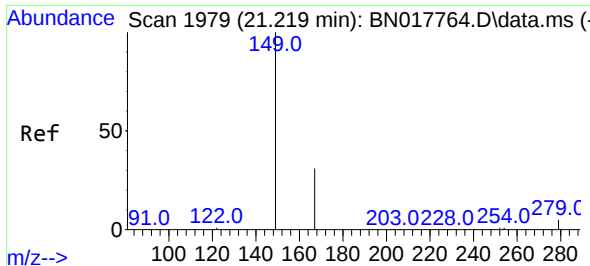
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#31
Terphenyl-d14
Concen: 0.37 ng
RT: 19.735 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

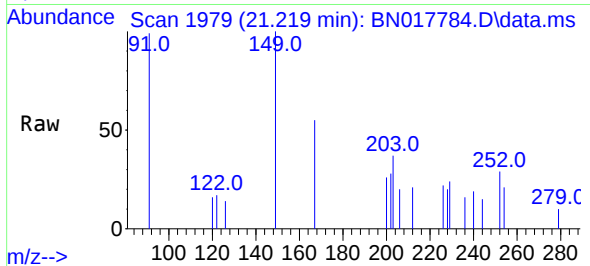
Tgt Ion:244 Resp: 116424
Ion Ratio Lower Upper
244 100
212 20.7 5.8 8.8#
122 16.2 7.1 10.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

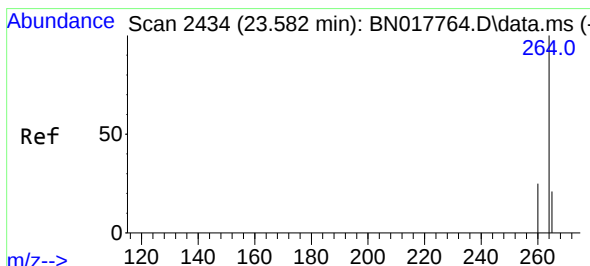
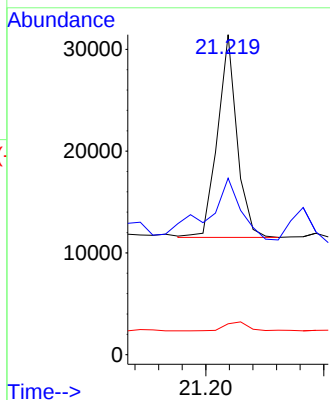
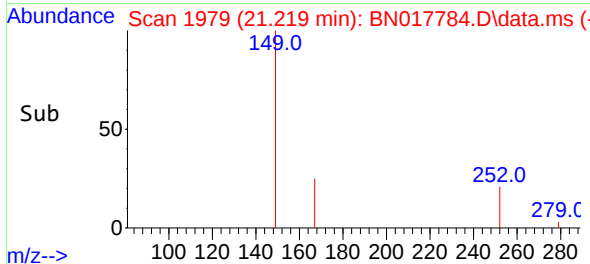
Instrument :
BNA_N
ClientSampleId :
MW-27



Tgt Ion:149 Resp: 2267
Ion Ratio Lower Upper
149 100
167 54.1 23.5 35.3
279 5.5 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: 0.40 ng
RT: 23.586 min Scan# 2435
Delta R.T. 0.003 min
Lab File: BN017784.D
Acq: 08 Dec 2021 04:58

Tgt Ion:264 Resp: 121393
Ion Ratio Lower Upper
264 100
260 25.8 20.0 30.0
265 26.0 20.5 30.7

