

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017790.D
 Acq On : 08 Dec 2021 08:33
 Operator : CG/JU
 Sample : M4918-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-39

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 09 00:03:57 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	17918	0.400	ng	0.00
7) Naphthalene-d8	10.507	136	74890	0.400	ng	# 0.01
13) Acenaphthene-d10	14.347	164	82387m	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	108831	0.400	ng	# 0.00
29) Chrysene-d12	21.293	240	111020	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	112700	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.364	112	26933	0.622	ng	0.04
5) Phenol-d6	6.922	99	5479	0.134	ng	0.02
8) Nitrobenzene-d5	8.859	82	39957m	0.802	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	45380	0.304	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	15120	0.351	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	84501	0.280	ng	0.00
27) Fluoranthene-d10	19.130	212	122070	0.336	ng	0.00
31) Terphenyl-d14	19.735	244	116572	0.489	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.570	128	24548288	125.188	ng	# 95
12) 2-Methylnaphthalene	12.183	142	9810776	69.430	ng	96
17) Acenaphthene	14.411	154	312940	1.451	ng	# 74
18) Fluorene	15.401	166	678838	2.464	ng	# 94
25) Phenanthrene	17.129	178	949537m	3.321	ng	
26) Anthracene	17.227	178	27385	0.109	ng	# 72
28) Fluoranthene	19.159	202	21149	0.061	ng	95
30) Pyrene	19.522	202	27354	0.078	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.219	149	56863	0.367	ng	99

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

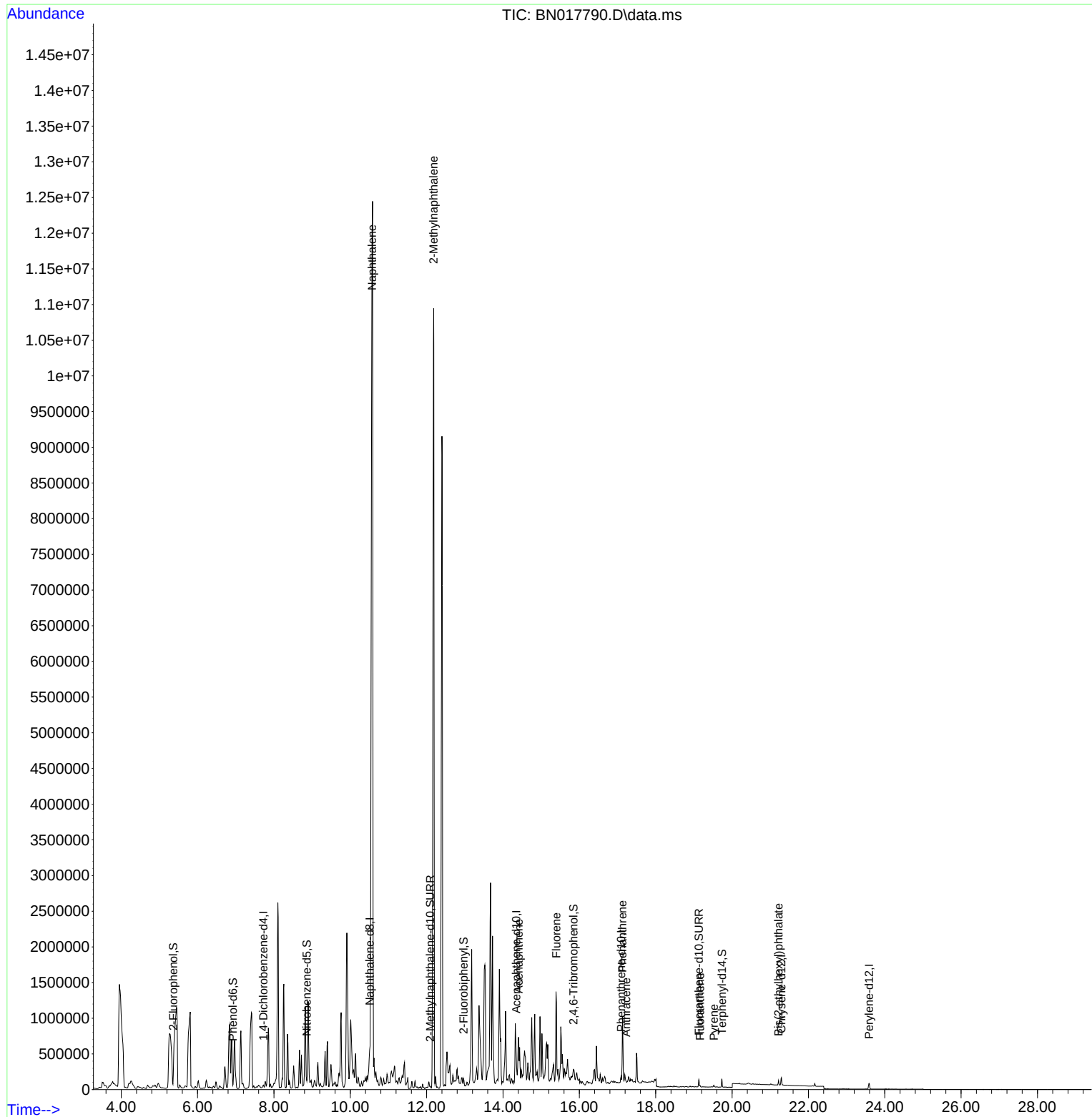
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017790.D
Acq On : 08 Dec 2021 08:33
Operator : CG/JU
Sample : M4918-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

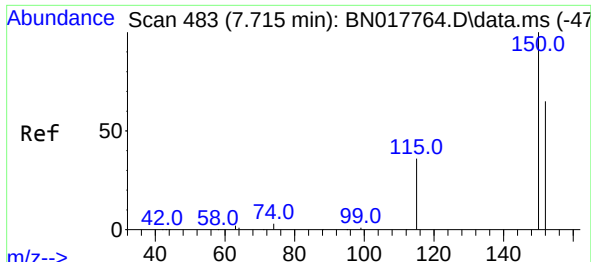
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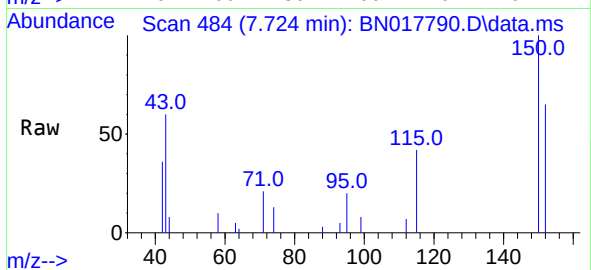
Quant Time: Dec 09 00:03:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 483
Delta R.T. 0.009 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

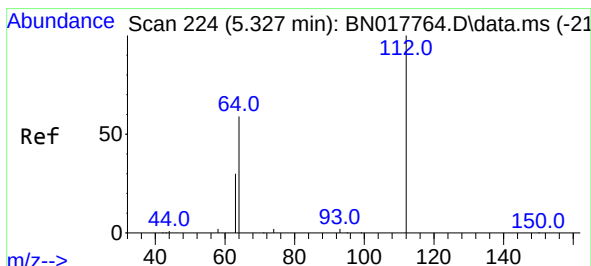
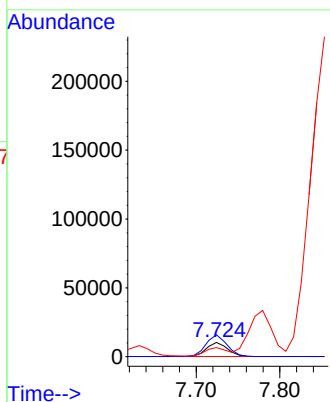
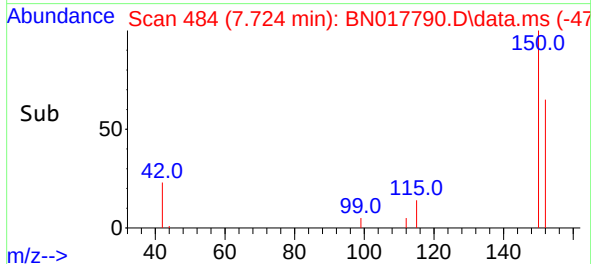
Instrument :
BNA_N
ClientSampleId :
MW-39



Tgt Ion:152 Resp: 17918
Ion Ratio Lower Upper
152 100
150 153.1 123.0 184.4
115 63.6 45.3 67.9

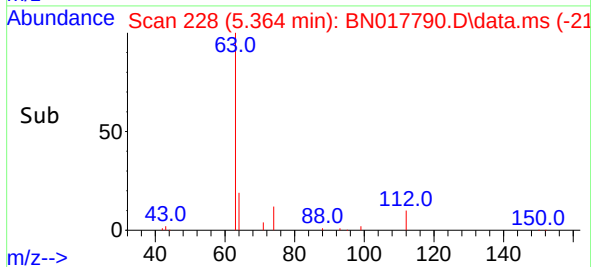
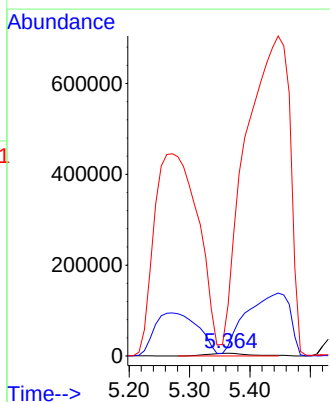
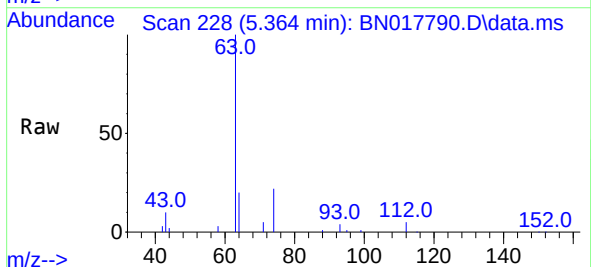
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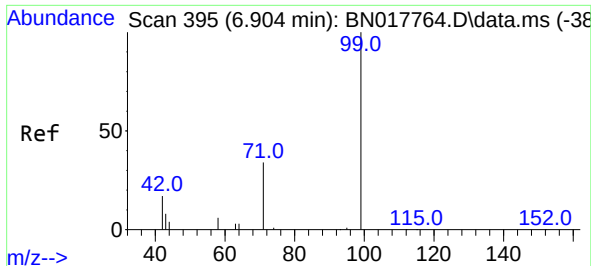
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#4
2-Fluorophenol
Concen: 0.622 ng
RT: 5.364 min Scan# 228
Delta R.T. 0.037 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

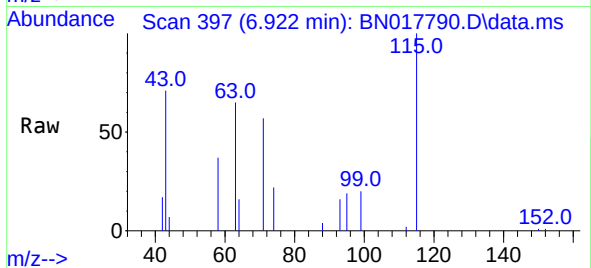
Tgt Ion:112 Resp: 26933
Ion Ratio Lower Upper
112 100
64 0.0 49.3 73.9#
63 0.0 25.8 38.8#





#5
Phenol-d6
Concen: 0.134 ng
RT: 6.922 min Scan# 395
Delta R.T. 0.018 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

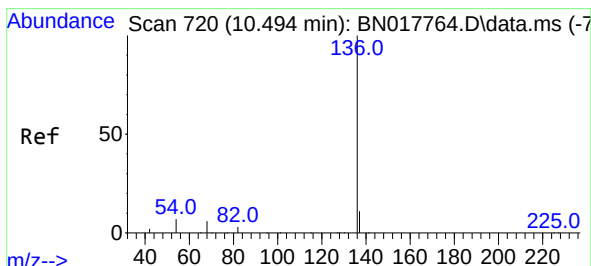
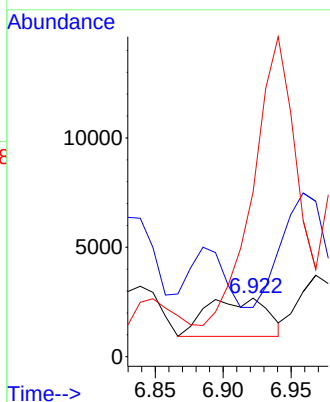
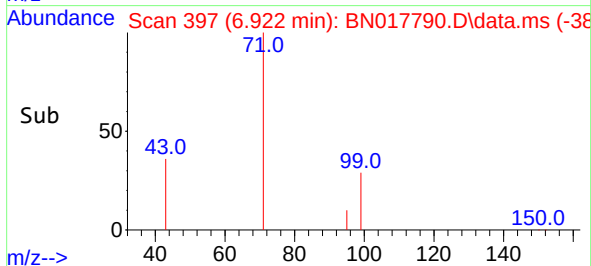
Instrument :
BNA_N
ClientSampleId :
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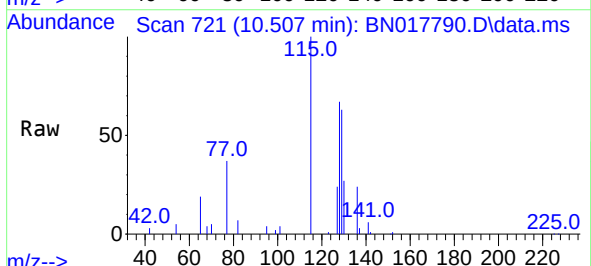
Tgt Ion: 99 Resp: 5479
Ion Ratio Lower Upper
99 100
42 0.0 16.6 25.0#
71 537.5 29.0 43.4#

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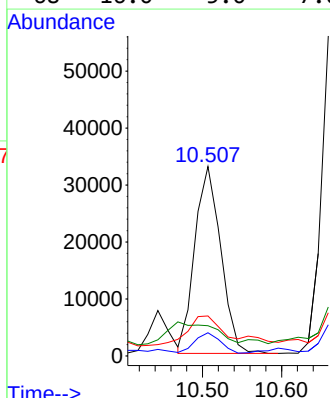
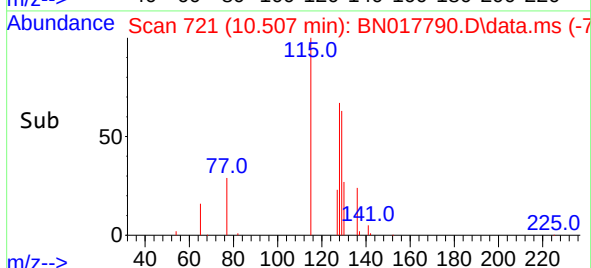
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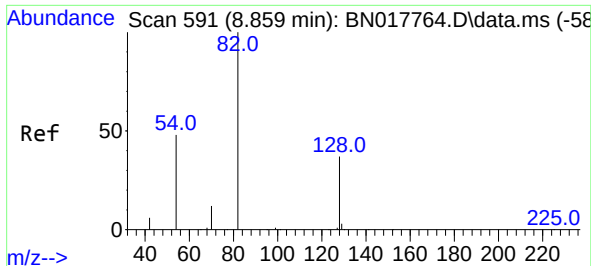


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.507 min Scan# 721
Delta R.T. 0.013 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33



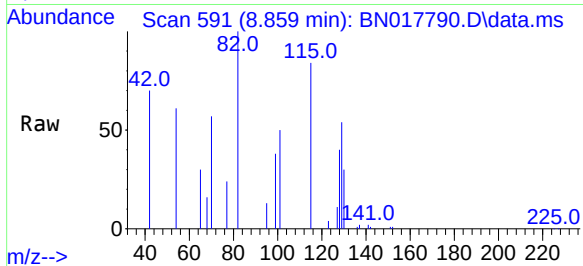
Tgt Ion:136 Resp: 74890
Ion Ratio Lower Upper
136 100
137 12.2 8.8 13.2
54 21.2 5.9 8.9#
68 16.0 5.0 7.6#





#8
Nitrobenzene-d5
Concen: 0.802 ng m
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

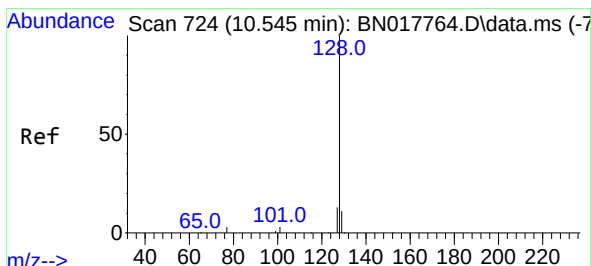
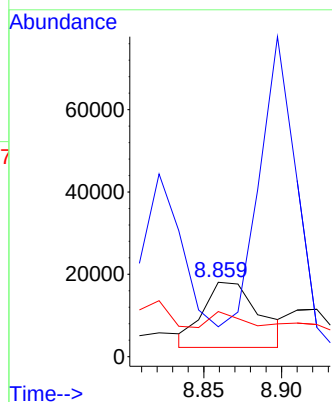
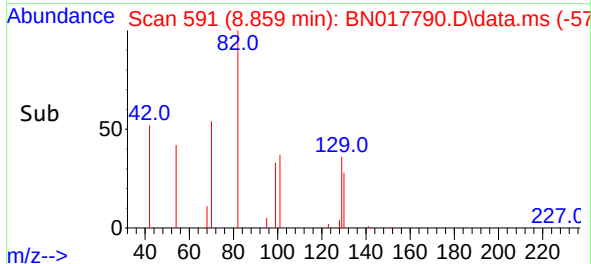
Instrument :
BNA_N
ClientSampleId :
MW-39



Tgt Ion: 82 Resp: 3995
Ion Ratio Lower Upper
82 100
128 40.3 30.2 45.2
54 60.7 39.0 58.6

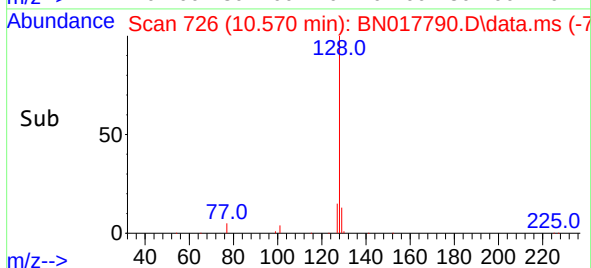
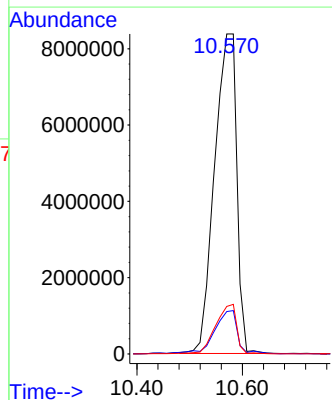
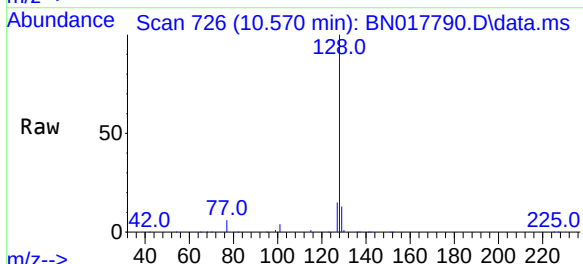
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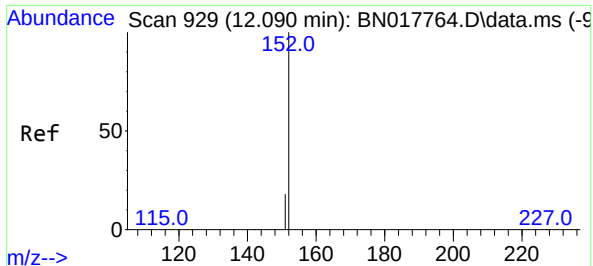
Reviewed By :Jagrut Upadhyay 12/09/2021
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#9
Naphthalene
Concen: 125.188 ng
RT: 10.570 min Scan# 726
Delta R.T. 0.025 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

Tgt Ion:128 Resp:24548288
Ion Ratio Lower Upper
128 100
129 13.3 8.8 13.2#
127 14.8 10.6 15.8





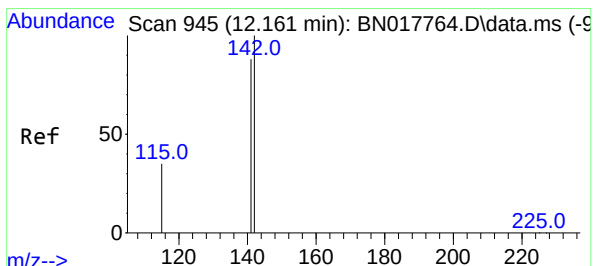
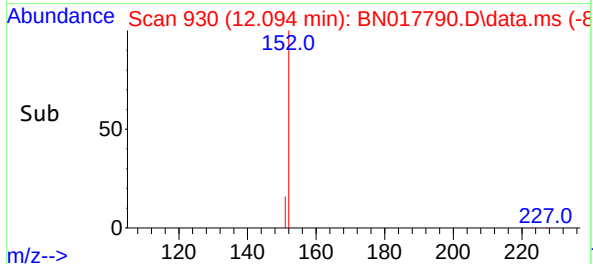
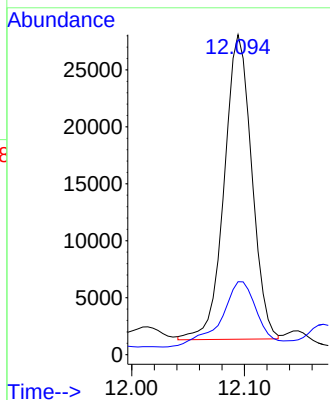
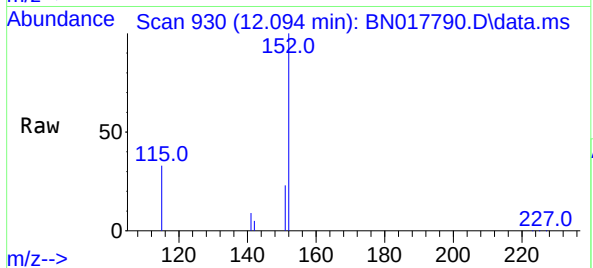
#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.094 min Scan# 91
Delta R.T. 0.004 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

Instrument :
BNA_N
ClientSampleId :
MW-39

Tgt Ion:152 Resp: 45380
Ion Ratio Lower Upper
152 100
151 28.6 16.4 24.6

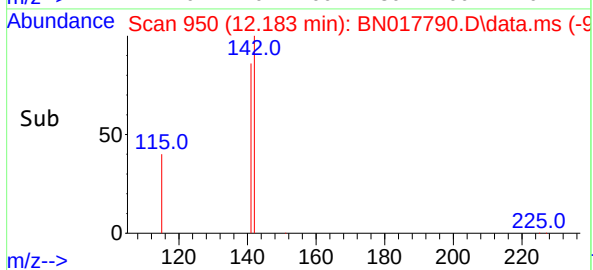
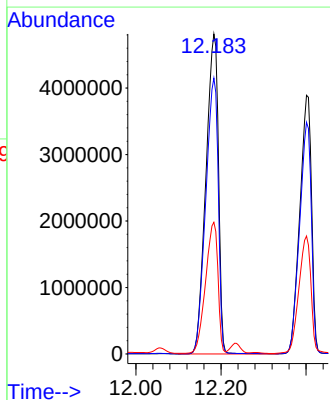
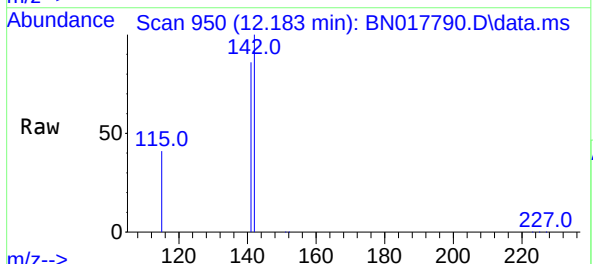
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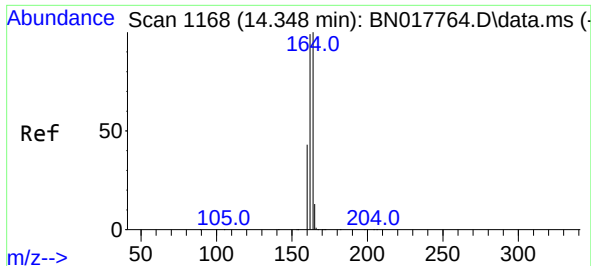
Reviewed By :Jagrut Upadhyay 12/09/2021
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#12
2-Methylnaphthalene
Concen: 69.430 ng
RT: 12.183 min Scan# 950
Delta R.T. 0.022 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

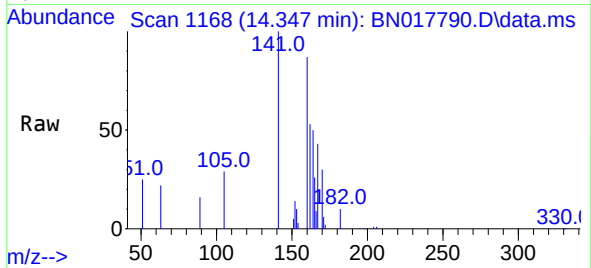
Tgt Ion:142 Resp: 9810776
Ion Ratio Lower Upper
142 100
141 86.2 70.5 105.7
115 41.1 28.0 42.0





#13
Acenaphthene-d10
Concen: 0.400 ng m
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

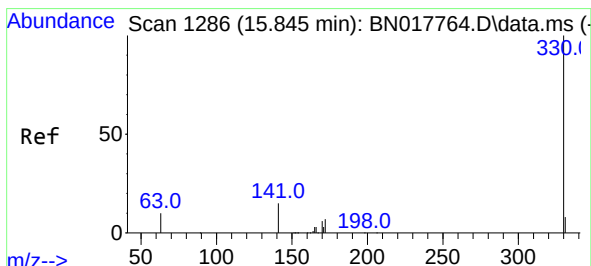
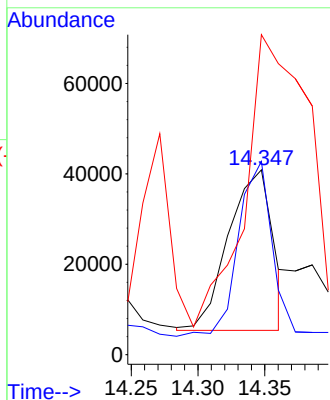
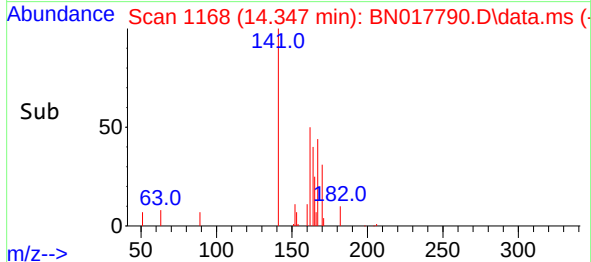
Instrument :
BNA_N
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MW-39



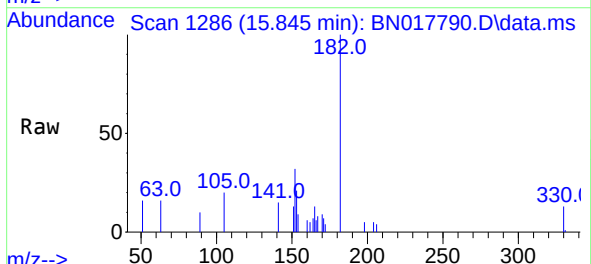
Tgt Ion:164 Resp: 8238
Ion Ratio Lower Upper
164 100
162 104.6 79.0 118.6
160 173.2 34.6 52.0

Manual Integrations
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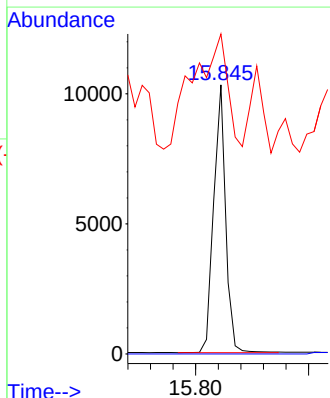
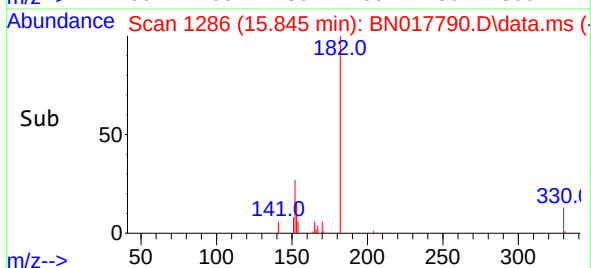
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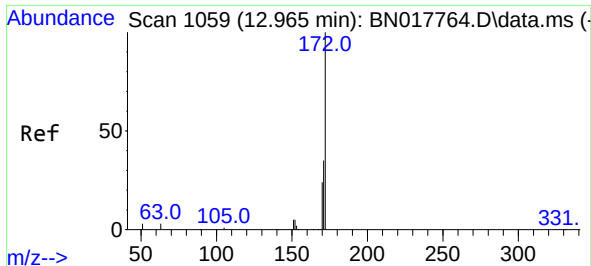


#14
2,4,6-Tribromophenol
Concen: 0.351 ng
RT: 15.845 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33



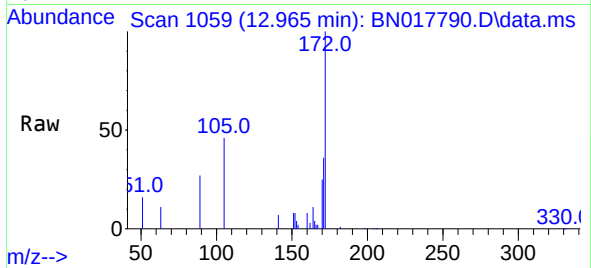
Tgt Ion:330 Resp: 15120
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 108.3 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.280 ng
RT: 12.965 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

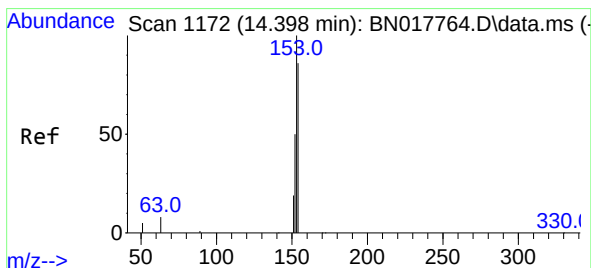
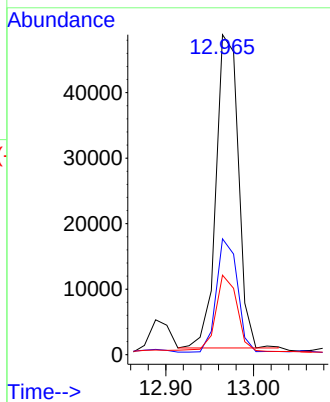
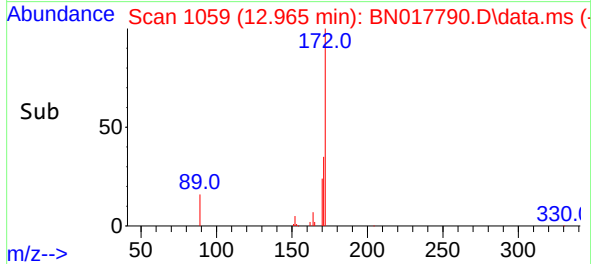
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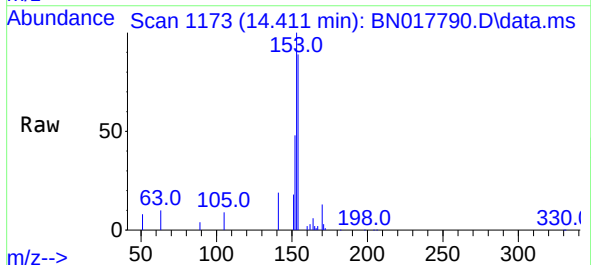
Tgt Ion:172 Resp: 8450
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 24.9 18.9 28.3

Manual Integrations
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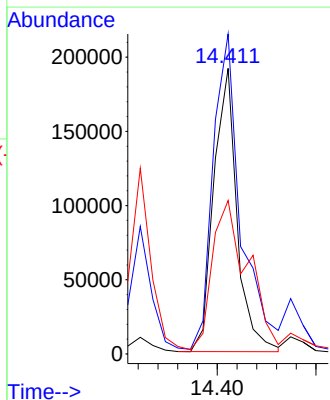
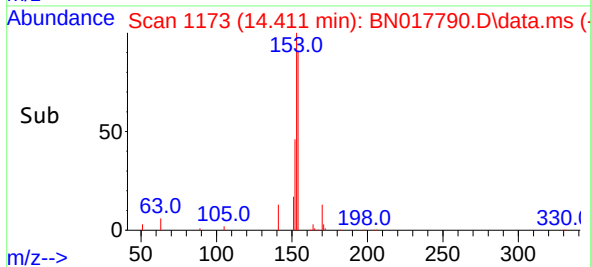
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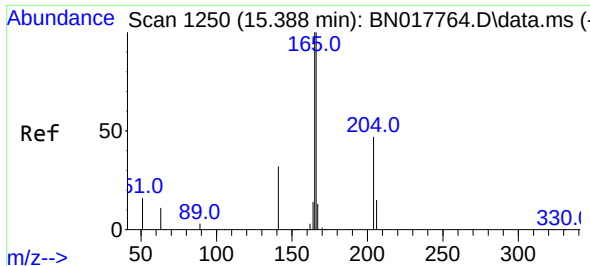


#17
Acenaphthene
Concen: 1.451 ng
RT: 14.411 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33



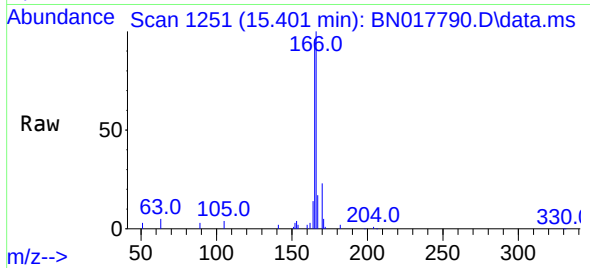
Tgt Ion:154 Resp: 312940
Ion Ratio Lower Upper
154 100
153 132.0 90.1 135.1
152 85.0 43.7 65.5#





#18
Fluorene
Concen: 2.464 ng
RT: 15.401 min Scan# 1251
Delta R.T. 0.013 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

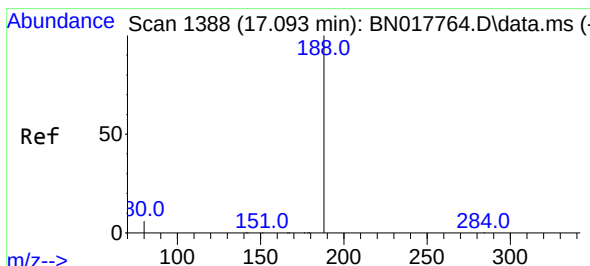
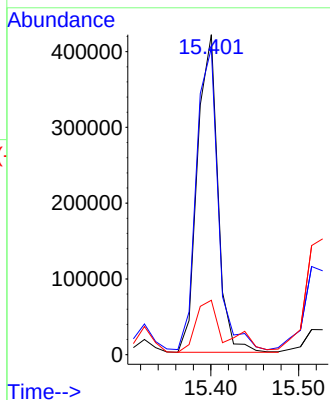
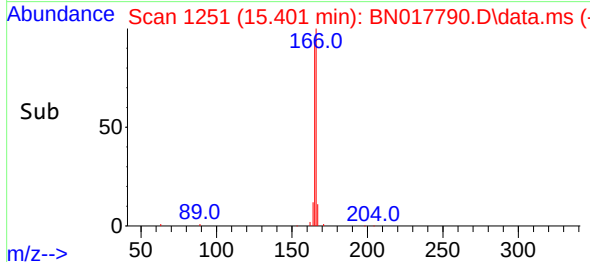
Instrument :
BNA_N
ClientSampleId :
MW-39



Tgt Ion:166 Resp: 67883
Ion Ratio Lower Upper
166 100
165 101.0 77.8 116.8
167 23.5 11.0 16.4

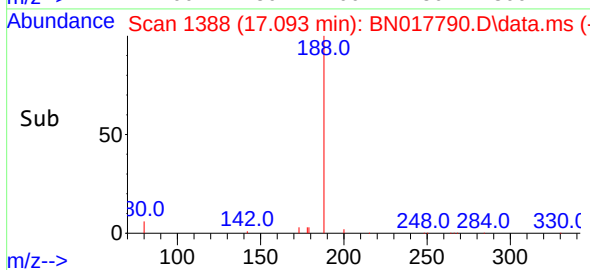
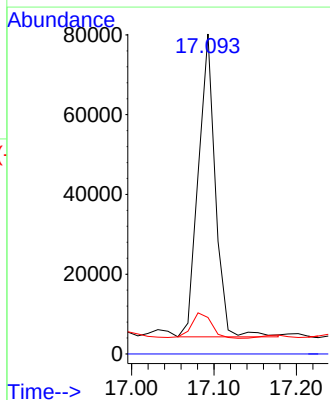
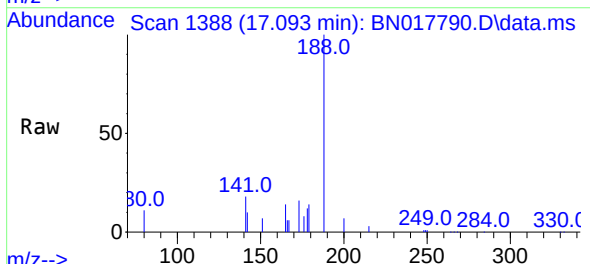
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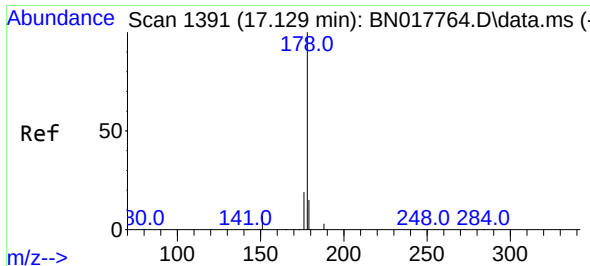
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

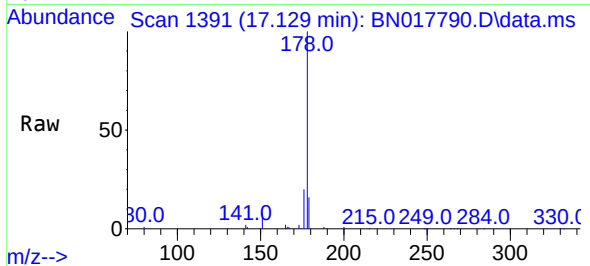
Tgt Ion:188 Resp: 108831
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 5.1 7.7





#25
Phenanthrene
Concen: 3.321 ng m
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

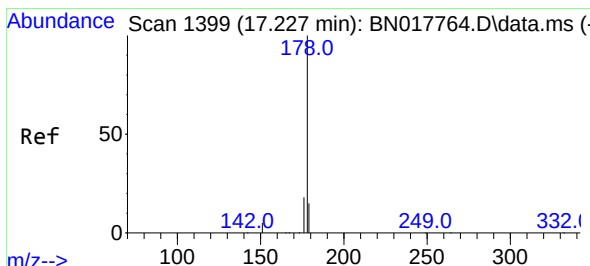
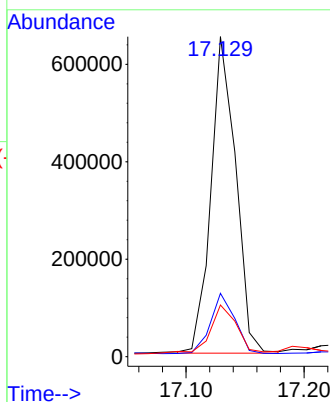
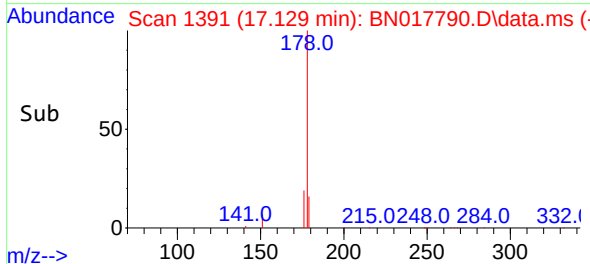
Instrument :
BNA_N
ClientSampleId :
MW-39



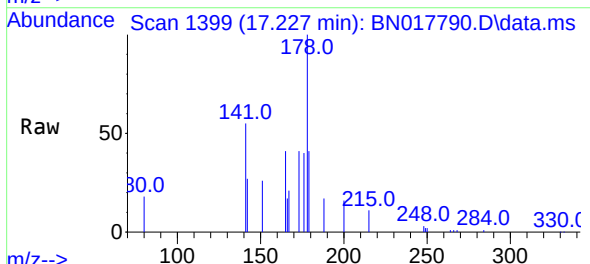
Tgt Ion:178 Resp: 94953
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 16.9 12.5 18.7

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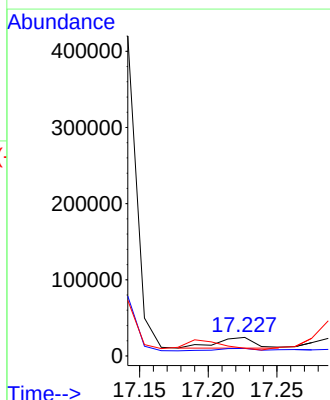
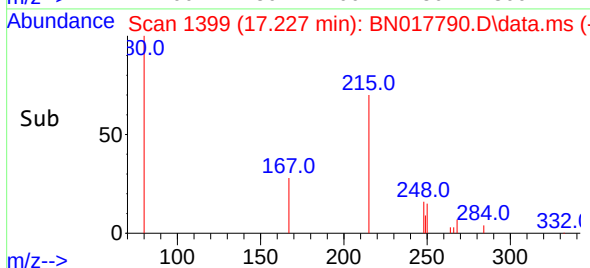
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

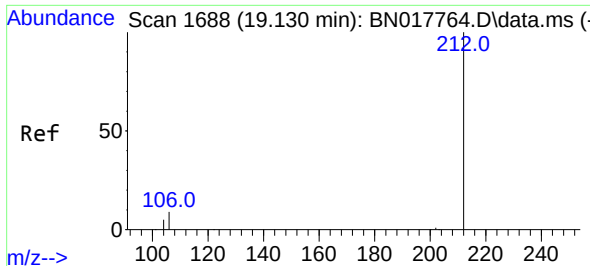


#26
Anthracene
Concen: 0.109 ng
RT: 17.227 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33



Tgt Ion:178 Resp: 27385
Ion Ratio Lower Upper
178 100
176 27.6 14.5 21.7#
179 0.0 12.2 18.4#





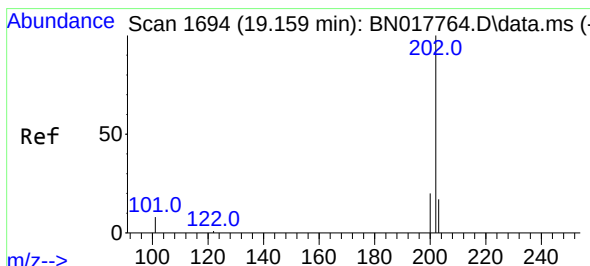
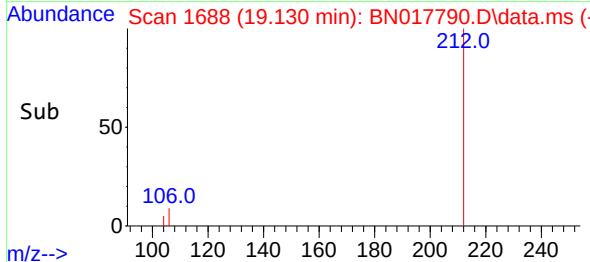
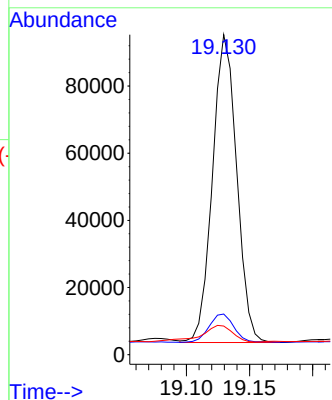
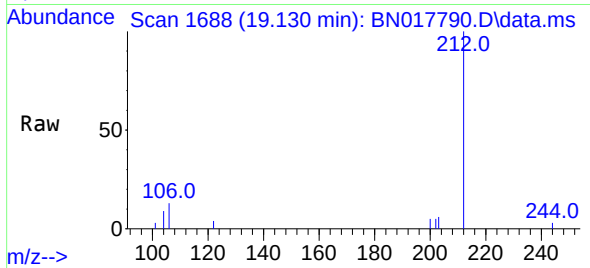
#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.130 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

Instrument :
BNA_N
ClientSampleId :
MW-39

Tgt Ion:212 Resp: 122070
Ion Ratio Lower Upper
212 100
106 9.4 8.2 12.2
104 7.1 4.6 6.8

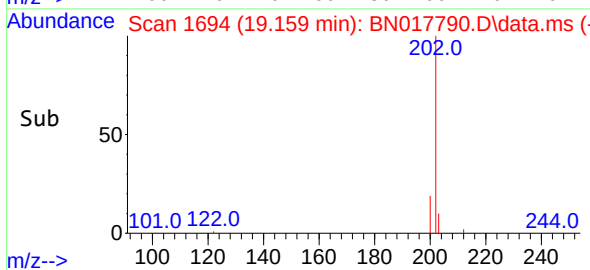
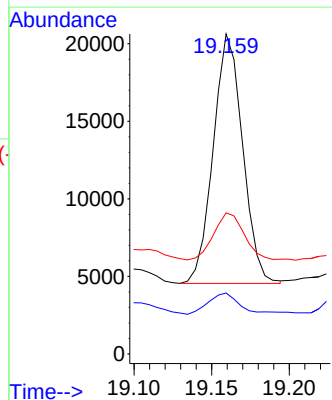
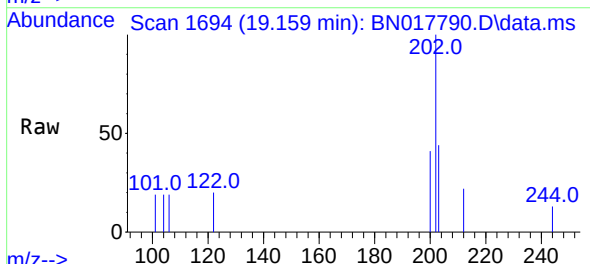
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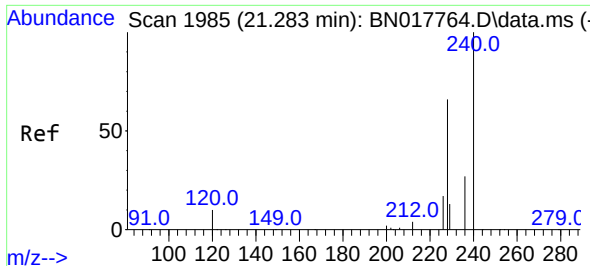
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#28
Fluoranthene
Concen: 0.061 ng
RT: 19.159 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

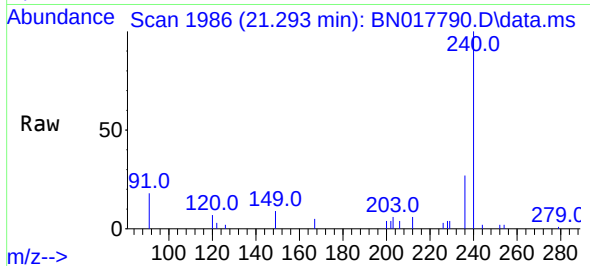
Tgt Ion:202 Resp: 21149
Ion Ratio Lower Upper
202 100
101 9.7 7.2 10.8
203 19.8 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1986
Delta R.T. 0.011 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

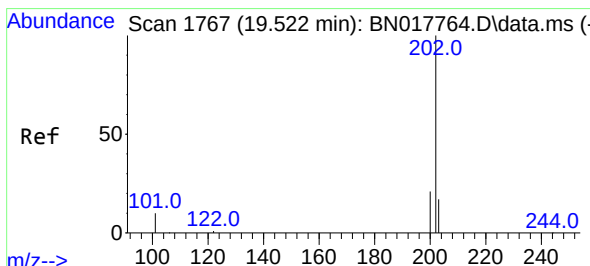
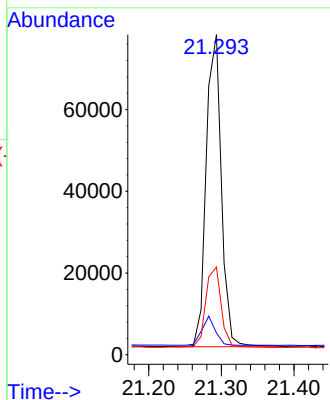
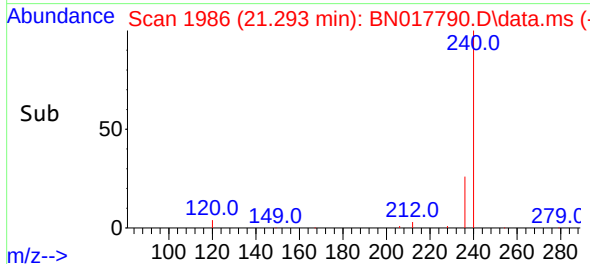
Instrument :
BNA_N
ClientSampleId :
MW-39



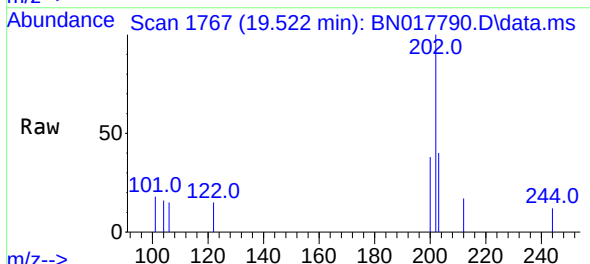
Tgt Ion:240 Resp: 111020
Ion Ratio Lower Upper
240 100
120 6.8 7.9 11.9
236 27.4 21.4 32.2

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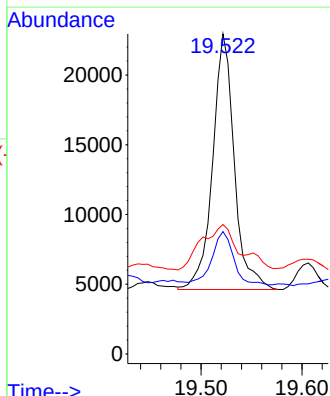
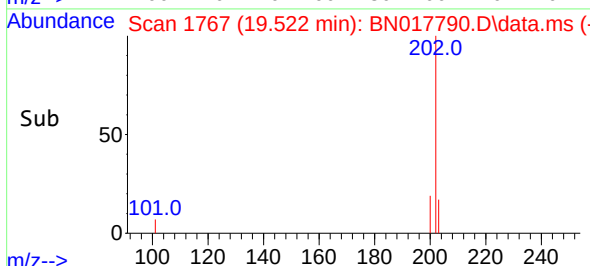
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

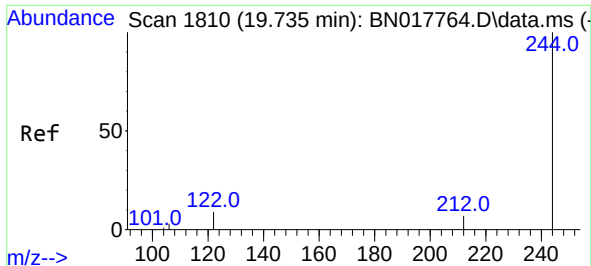


#30
Pyrene
Concen: 0.078 ng
RT: 19.522 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33



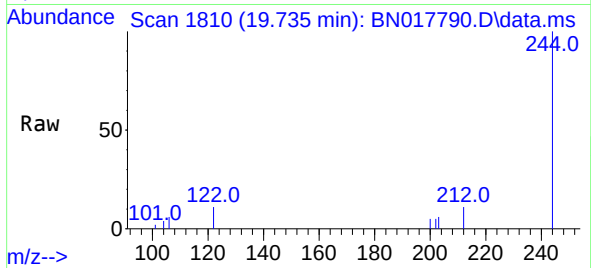
Tgt Ion:202 Resp: 27354
Ion Ratio Lower Upper
202 100
200 20.5 16.5 24.7
203 26.5 14.0 21.0





#31
Terphenyl-d14
Concen: 0.489 ng
RT: 19.735 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

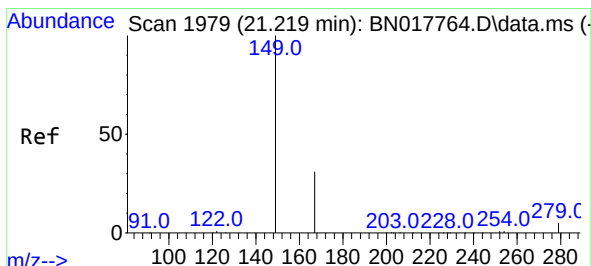
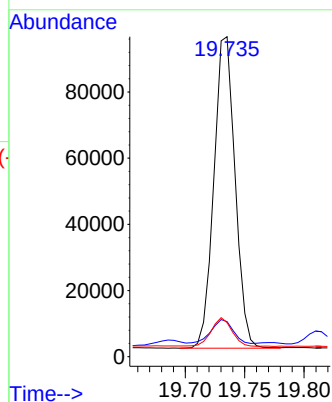
Instrument :
BNA_N
ClientSampleId :
MW-39



Tgt Ion:244 Resp: 116572
Ion Ratio Lower Upper
244 100
212 11.0 5.8 8.8
122 10.7 7.1 10.7

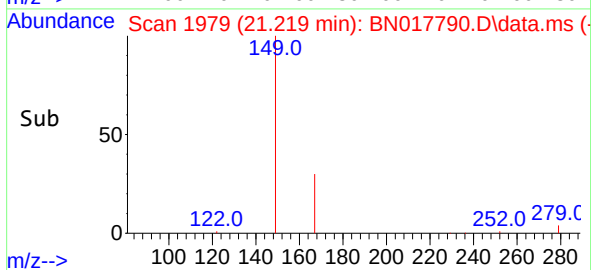
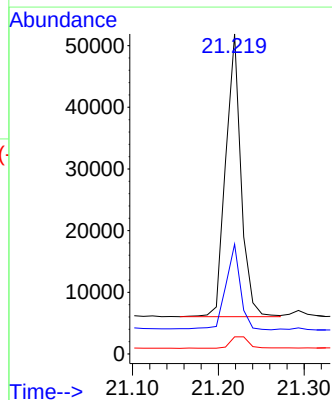
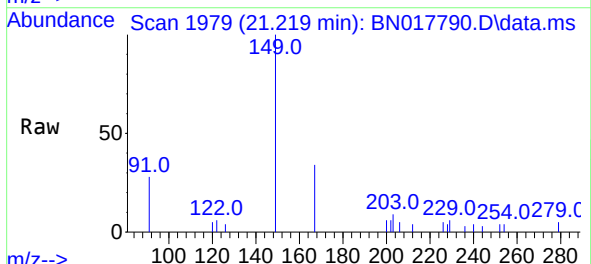
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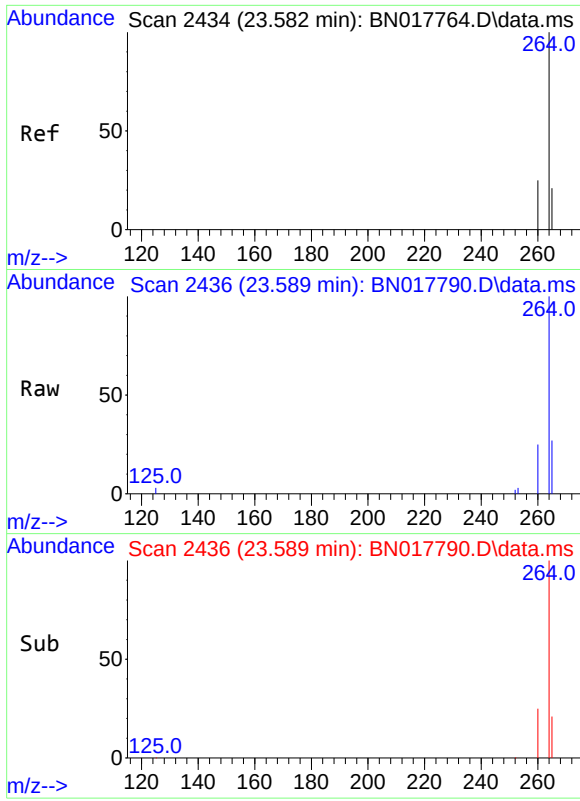
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.367 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

Tgt Ion:149 Resp: 56863
Ion Ratio Lower Upper
149 100
167 28.8 23.5 35.3
279 4.9 3.8 5.6





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN017790.D
Acq: 08 Dec 2021 08:33

Instrument :
BNA_N
ClientSampleId :
MW-39

Tgt Ion:264	Resp:	112700
Ion Ratio	Lower	Upper
264	100	
260	25.5	20.0 30.0
265	26.5	20.5 30.7

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Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

