

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017799.D
 Acq On : 08 Dec 2021 14:46
 Operator : CG/JU
 Sample : M4918-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-37

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 11:03:54 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	20500	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	83429	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	58679	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	121283	0.400	ng	0.00
29) Chrysene-d12	21.293	240	115213	0.400	ng	# 0.01
35) Perylene-d12	23.589	264	105540	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6607	0.133	ng	0.00
5) Phenol-d6	6.903	99	3620	0.077	ng	0.00
8) Nitrobenzene-d5	8.859	82	15194	0.274	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	36767	0.221	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	10537	0.343	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	67140	0.312	ng	0.00
27) Fluoranthene-d10	19.144	212	107892	0.266	ng	0.01
31) Terphenyl-d14	19.735	244	100685	0.407	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.545	128	9367	0.043	ng	# 93
12) 2-Methylnaphthalene	12.161	142	9658	0.061	ng	98
17) Acenaphthene	14.411	154	38188	0.249	ng	99
24) Pentachlorophenol	16.752	266	262	0.288	ng	89
25) Phenanthrene	17.129	178	20080m	0.063	ng	
34) Bis(2-ethylhexyl)phtha...	21.219	149	214159	1.333	ng	98

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

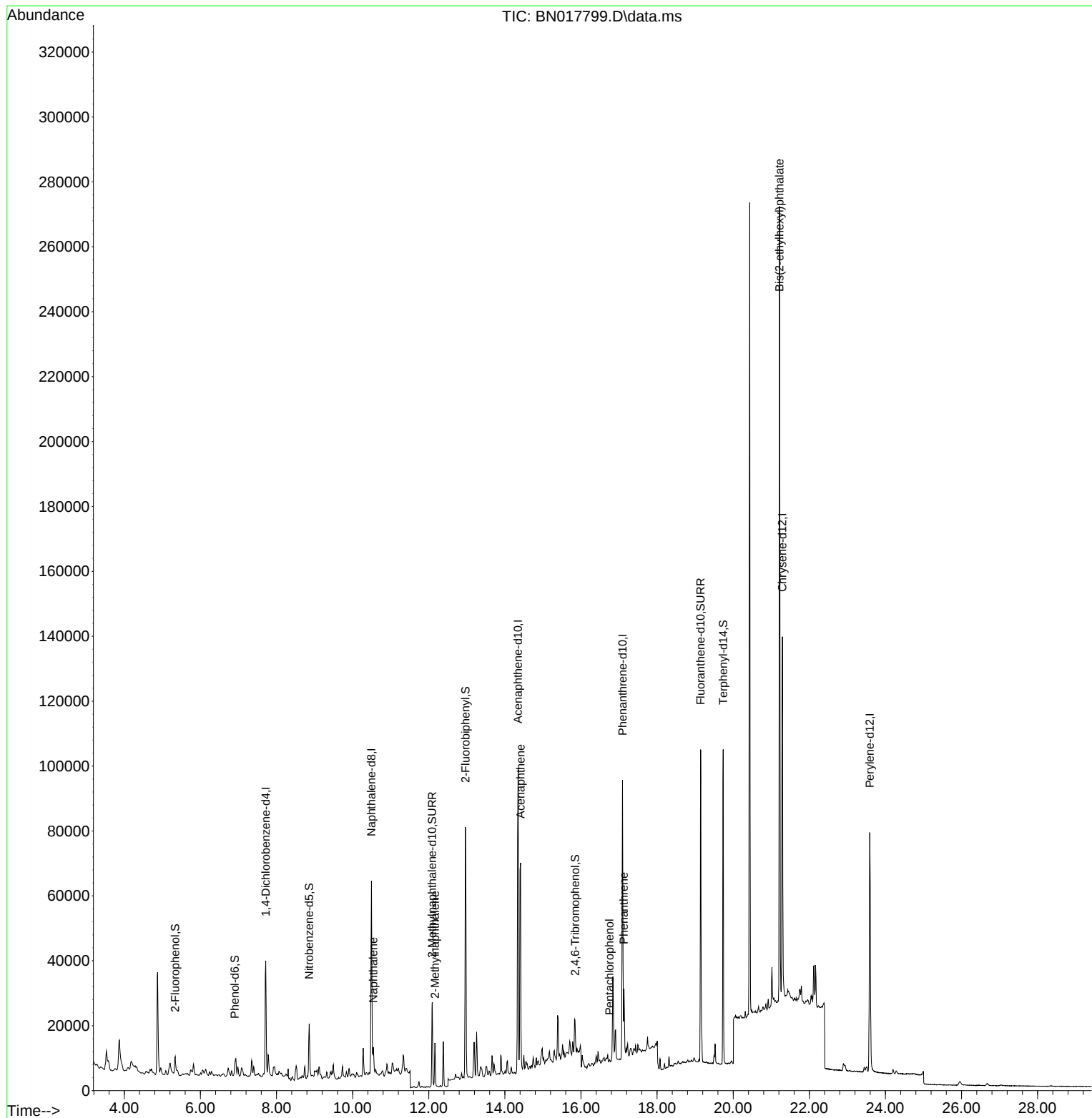
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
Data File : BN017799.D
Acq On : 08 Dec 2021 14:46
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ALS Vial : 4 Sample Multiplier: 1

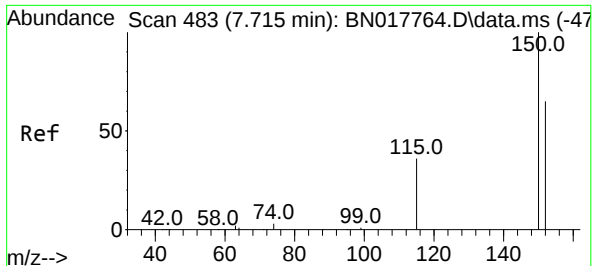
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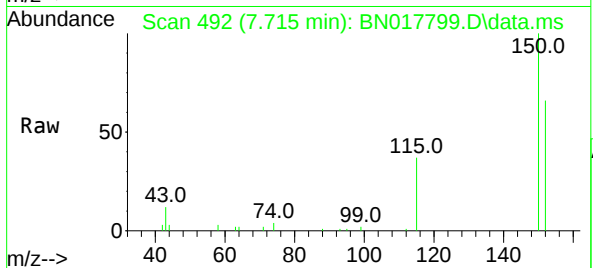
Quant Time: Dec 09 11:03:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

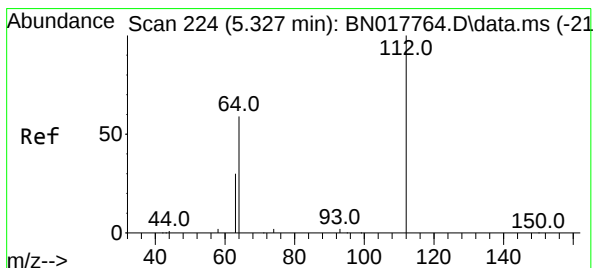
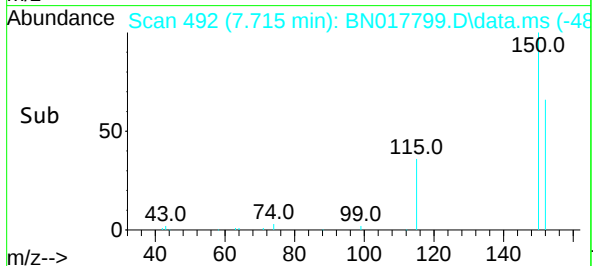
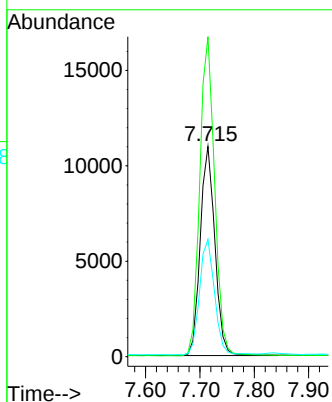
Instrument :
BNA_N
ClientSampleId :
MW-37



Tgt Ion:152 Resp: 20500
Ion Ratio Lower Upper
152 100
150 152.2 123.0 184.4
115 55.7 45.3 67.9

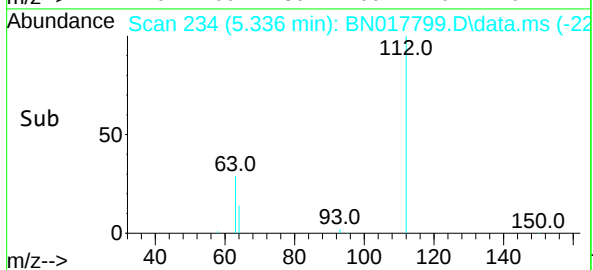
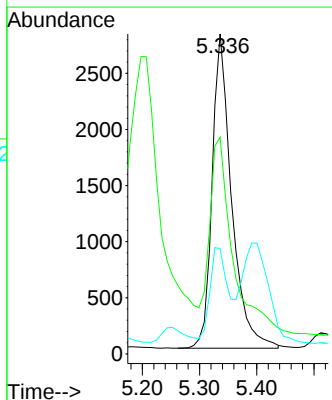
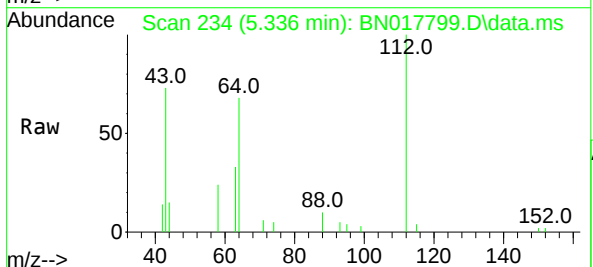
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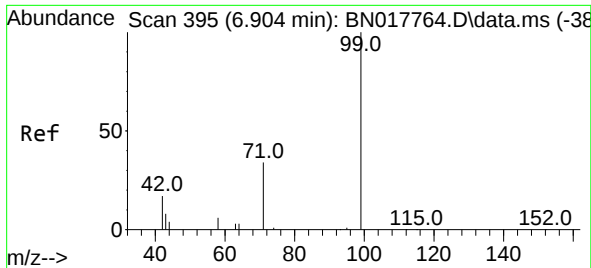
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#4
2-Fluorophenol
Concen: 0.133 ng
RT: 5.336 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

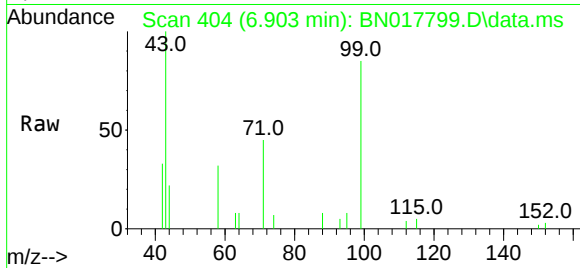
Tgt Ion:112 Resp: 6607
Ion Ratio Lower Upper
112 100
64 66.9 49.3 73.9
63 27.8 25.8 38.8





#5
Phenol-d6
Concen: 0.077 ng
RT: 6.903 min Scan# 404
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

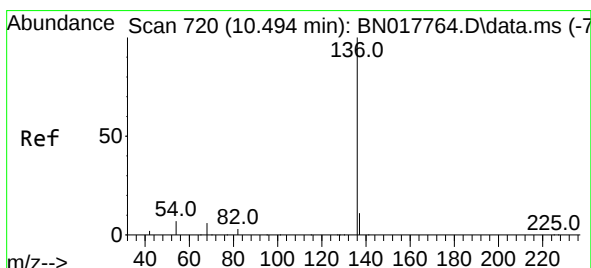
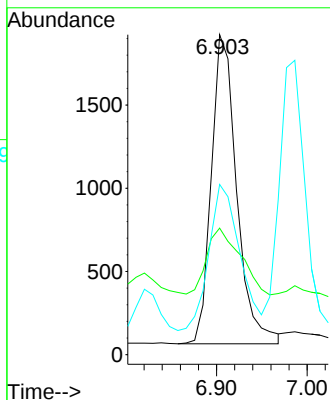
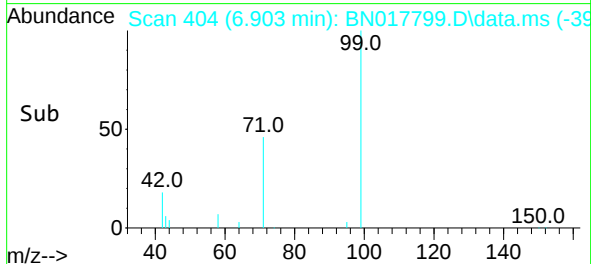
Instrument :
BNA_N
ClientSampleId :
MW-37



Tgt Ion: 99 Resp: 3620
Ion Ratio Lower Upper
99 100
42 28.4 16.6 25.0
71 57.4 29.0 43.4

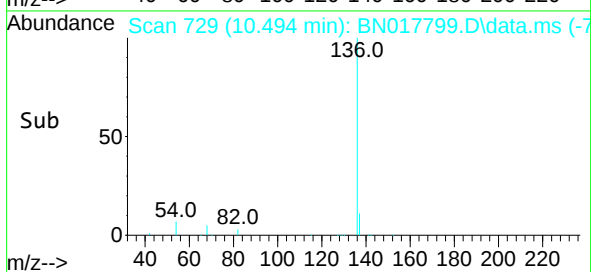
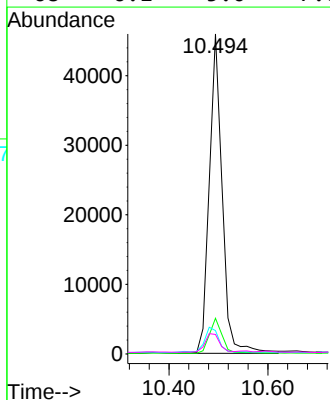
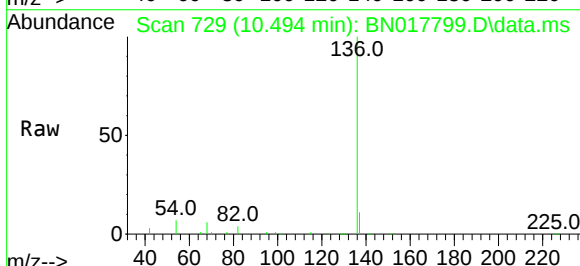
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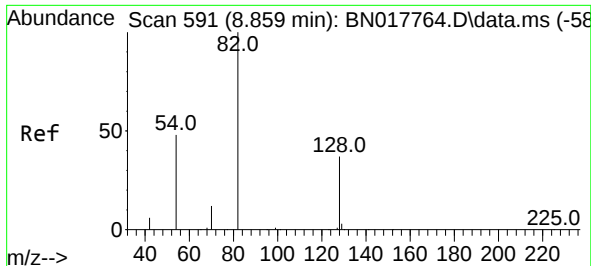
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion:136 Resp: 83429
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.3 5.9 8.9
68 6.1 5.0 7.6





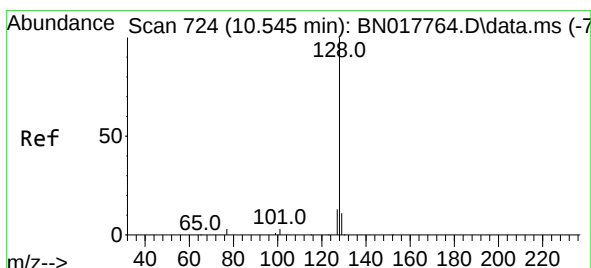
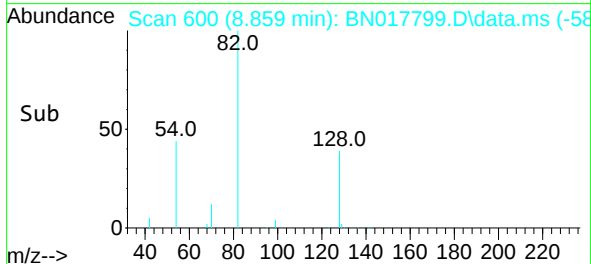
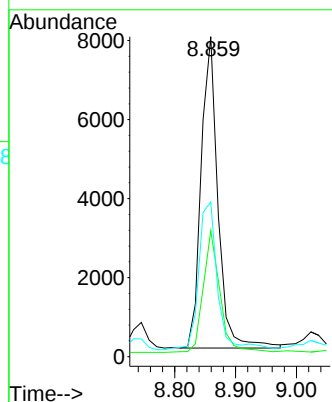
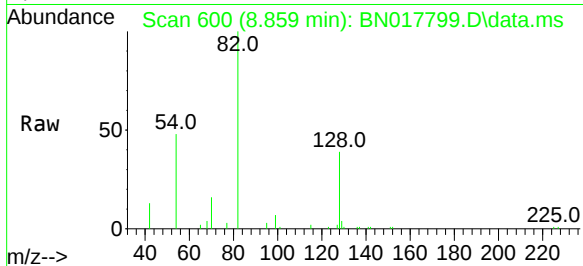
#8
Nitrobenzene-d5
Concen: 0.274 ng
RT: 8.859 min Scan# 601
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Instrument :
BNA_N
ClientSampleId :
MW-37

Tgt Ion: 82 Resp: 15194
Ion Ratio Lower Upper
82 100
128 39.3 30.2 45.2
54 48.4 39.0 58.6

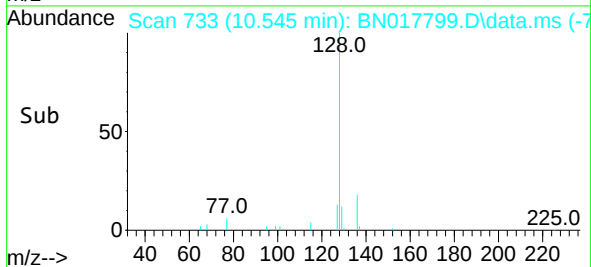
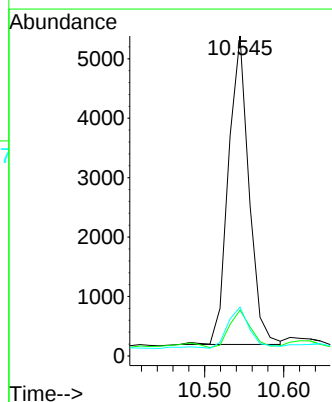
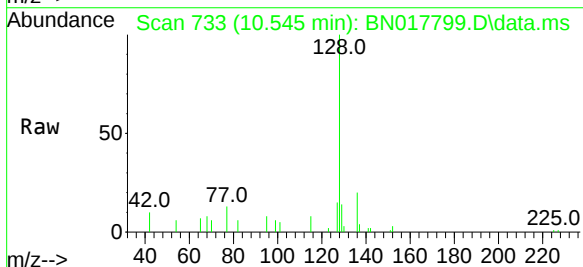
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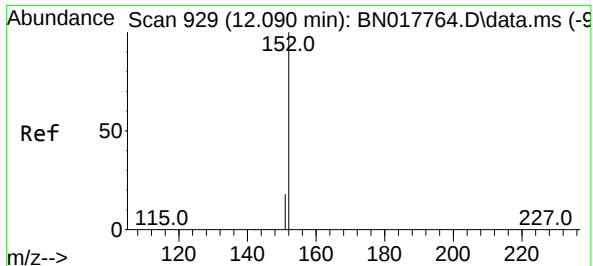
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 0.043 ng
RT: 10.545 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion:128 Resp: 9367
Ion Ratio Lower Upper
128 100
129 14.3 8.8 13.2#
127 15.2 10.6 15.8





#11

2-Methylnaphthalene-d10

Concen: 0.221 ng

RT: 12.090 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017799.D

Acq: 08 Dec 2021 14:46

Instrument :

BNA_N

ClientSampleId :

MW-37

Tgt Ion:152 Resp: 3676

Ion Ratio Lower Upper

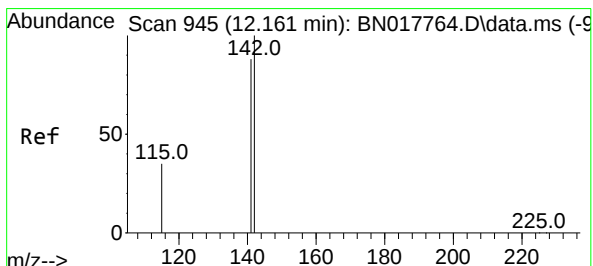
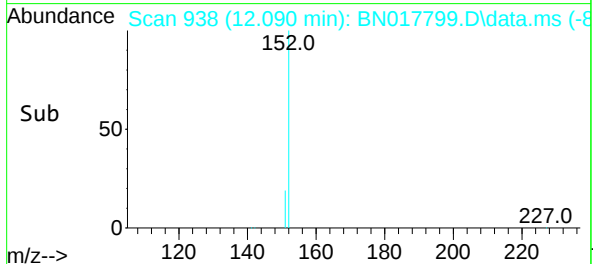
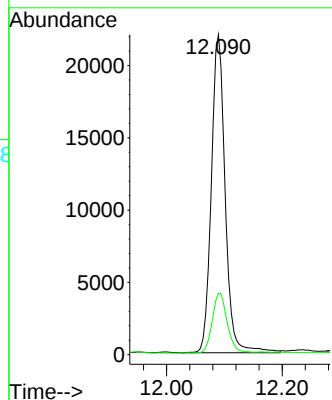
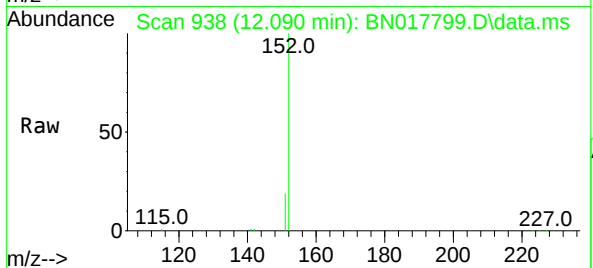
152 100

151 20.1 16.4 24.6

Manual Integrations

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



#12

2-Methylnaphthalene

Concen: 0.061 ng

RT: 12.161 min Scan# 954

Delta R.T. -0.000 min

Lab File: BN017799.D

Acq: 08 Dec 2021 14:46

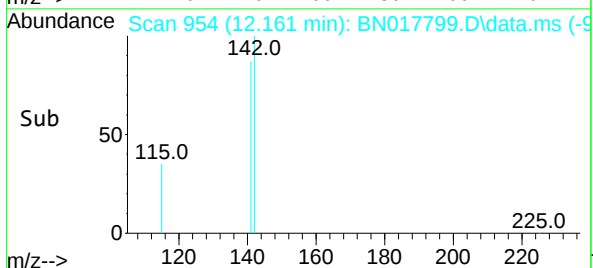
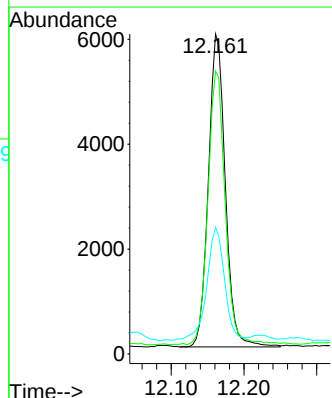
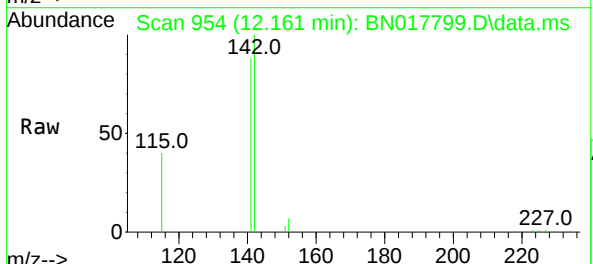
Tgt Ion:142 Resp: 9658

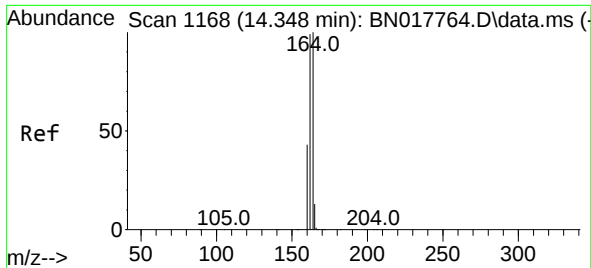
Ion Ratio Lower Upper

142 100

141 88.4 70.5 105.7

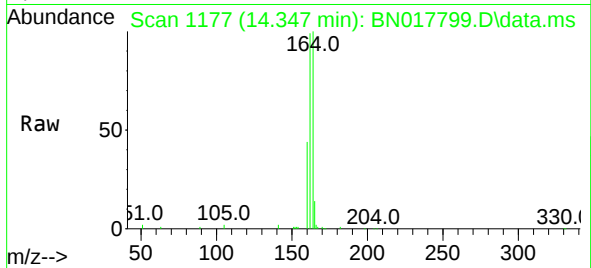
115 39.6 28.0 42.0





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

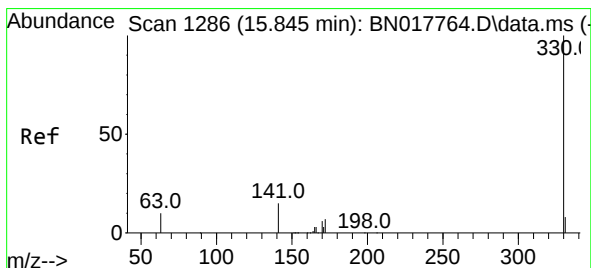
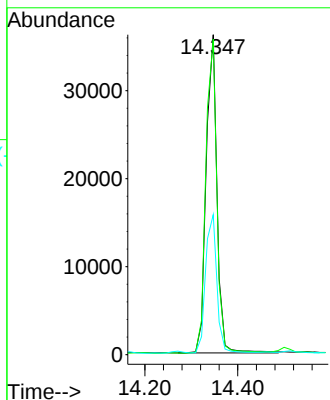
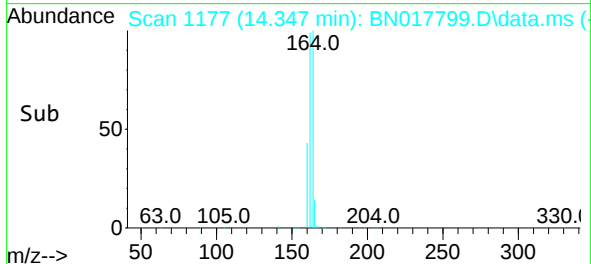
Instrument :
BNA_N
ClientSampleId :
MW-37



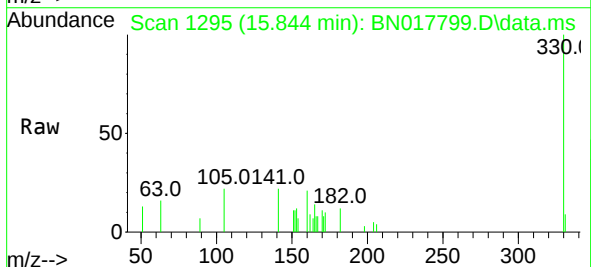
Tgt Ion:164 Resp: 58679
Ion Ratio Lower Upper
164 100
162 98.6 79.0 118.6
160 43.7 34.6 52.0

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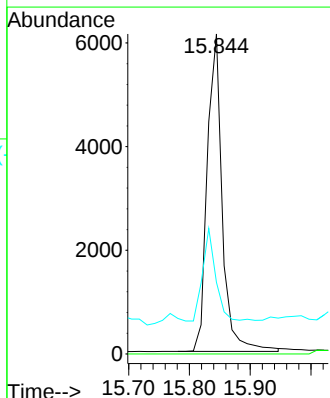
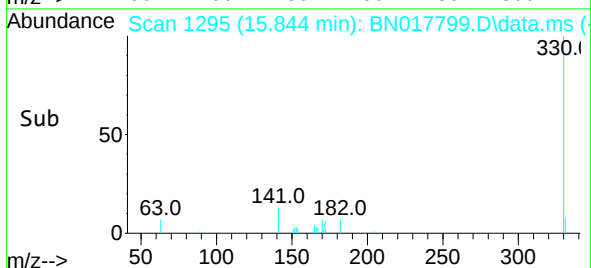
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

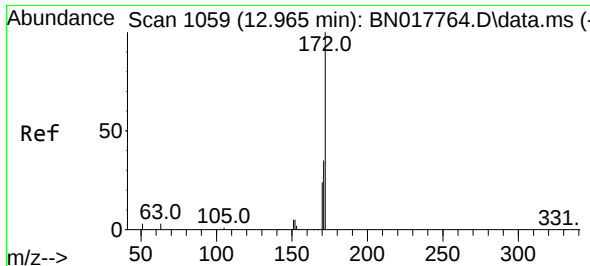


#14
2,4,6-Tribromophenol
Concen: 0.343 ng
RT: 15.844 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46



Tgt Ion:330 Resp: 10537
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 25.5 21.5 32.3





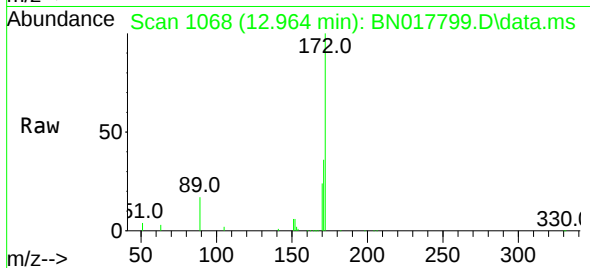
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2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Instrument :

BNA_N

ClientSampleId :

MW-37

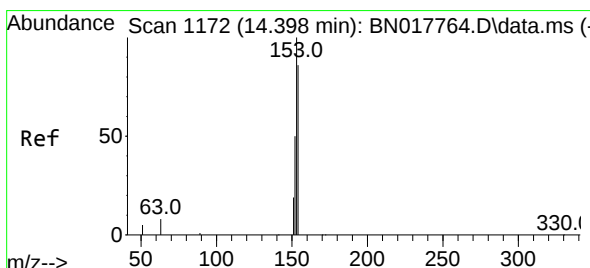
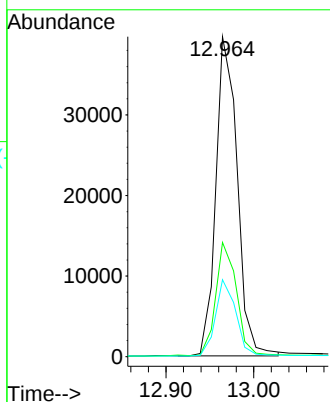
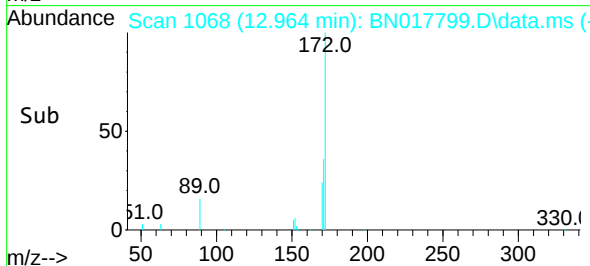


Tgt Ion:172 Resp: 67140
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 24.0 18.9 28.3

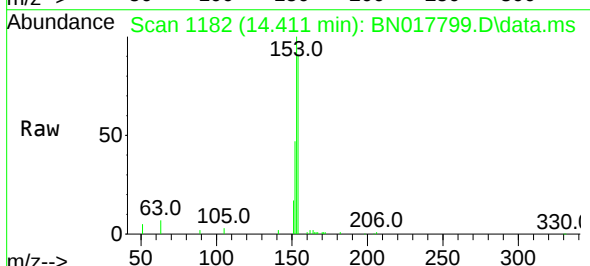
Manual Integrations

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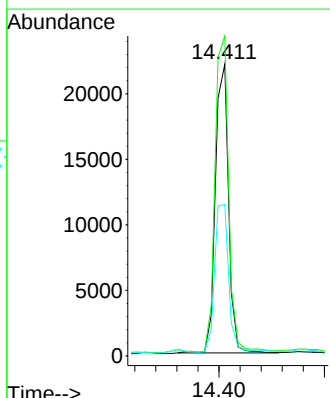
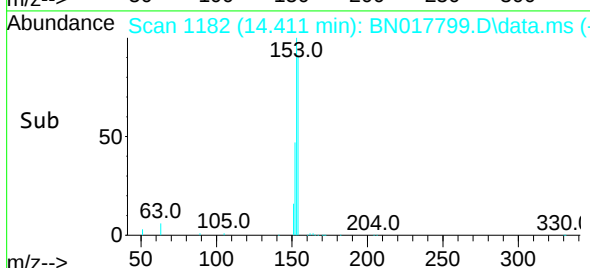
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

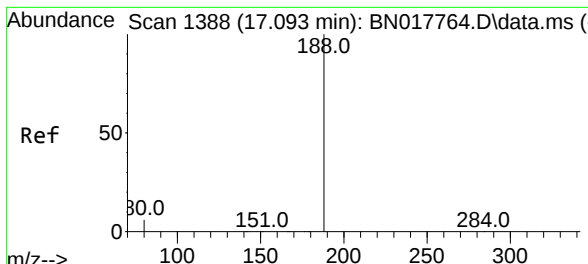


#17
Acenaphthene
Concen: 0.249 ng
RT: 14.411 min Scan# 1182
Delta R.T. 0.012 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46



Tgt Ion:154 Resp: 38188
Ion Ratio Lower Upper
154 100
153 113.3 90.1 135.1
152 55.2 43.7 65.5





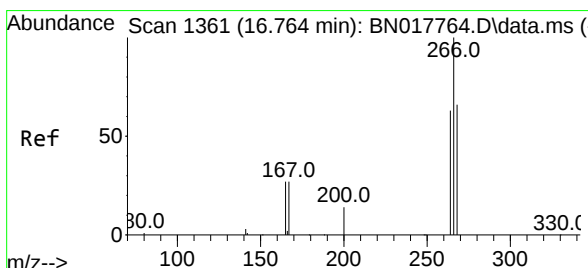
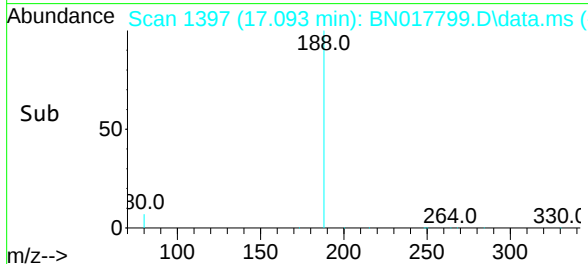
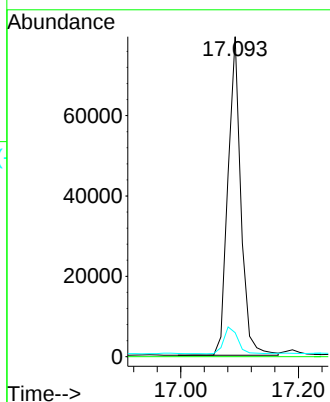
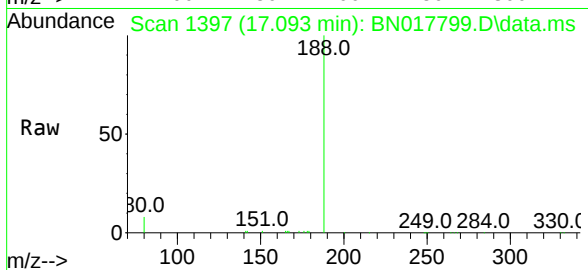
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Instrument :
BNA_N
ClientSampleId :
MW-37

Tgt Ion:188 Resp: 12128
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 7.5 5.1 7.7

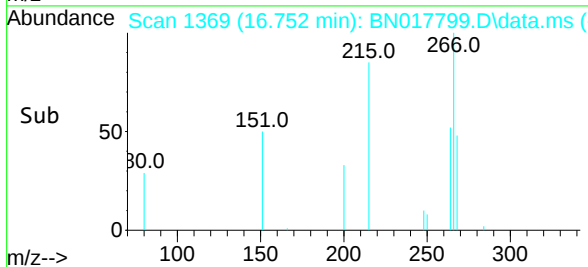
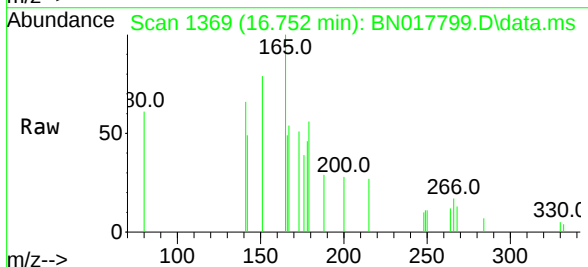
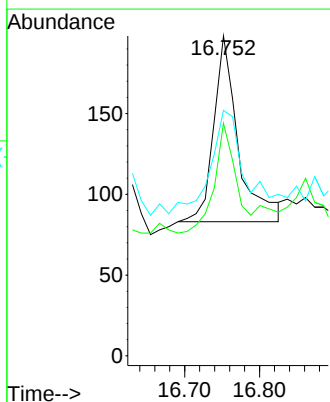
Manual Integrations
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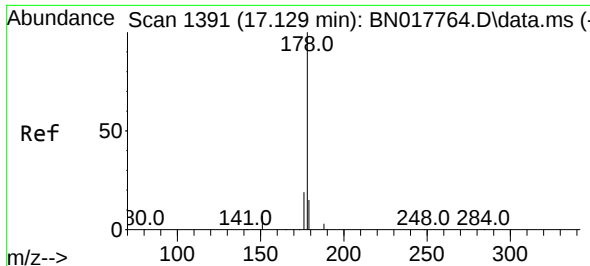
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#24
Pentachlorophenol
Concen: 0.288 ng
RT: 16.752 min Scan# 1369
Delta R.T. -0.012 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

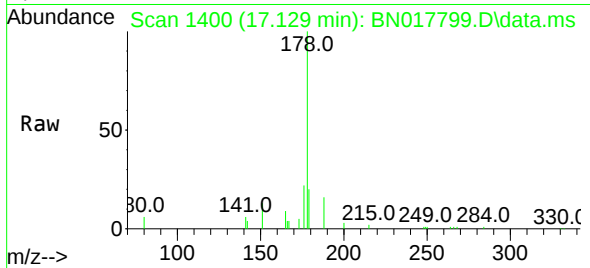
Tgt Ion:266 Resp: 262
Ion Ratio Lower Upper
266 100
264 52.3 50.8 76.2
268 58.4 51.8 77.6





#25
Phenanthrene
Concen: 0.063 ng m
RT: 17.129 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

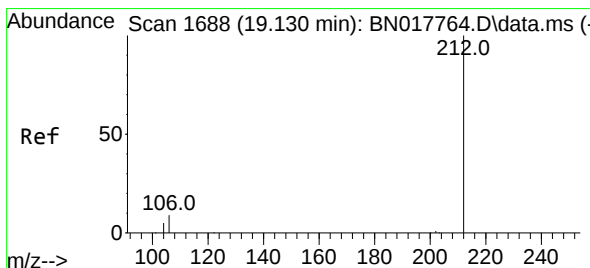
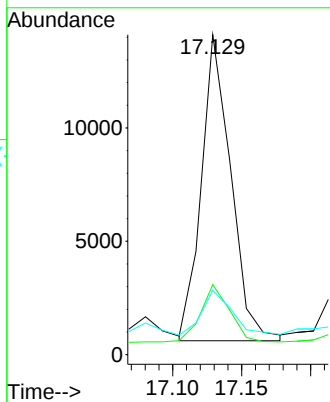
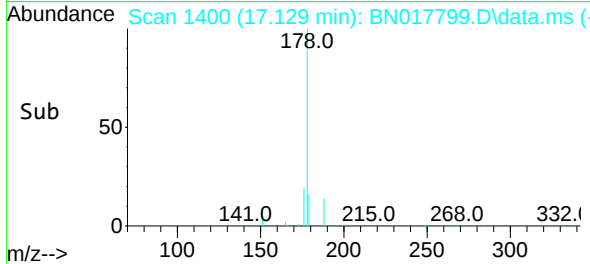
Instrument :
BNA_N
ClientSampleId :
MW-37



Tgt Ion:178 Resp: 20080
Ion Ratio Lower Upper
178 100
176 20.3 15.0 22.6
179 17.0 12.5 18.7

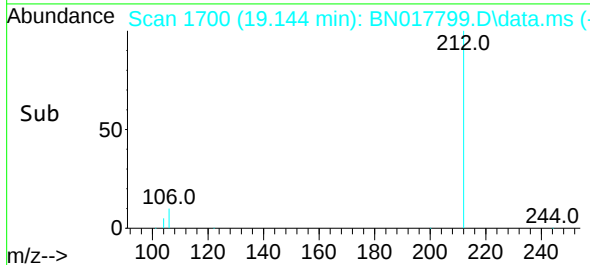
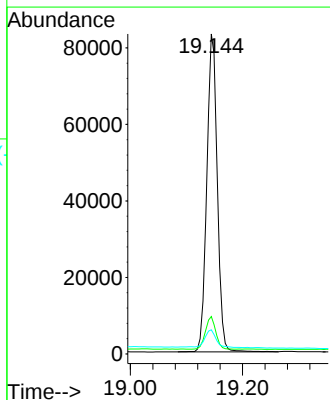
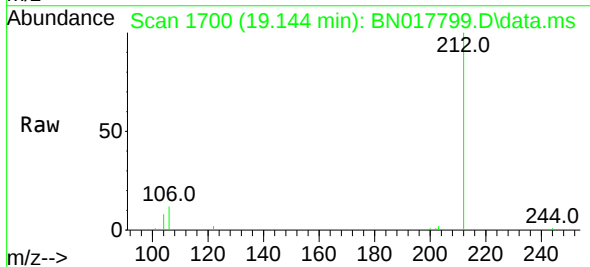
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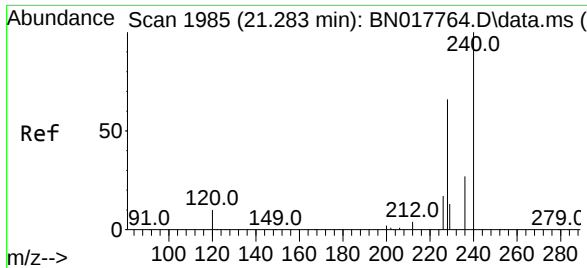
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#27
Fluoranthene-d10
Concen: 0.266 ng
RT: 19.144 min Scan# 1700
Delta R.T. 0.015 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

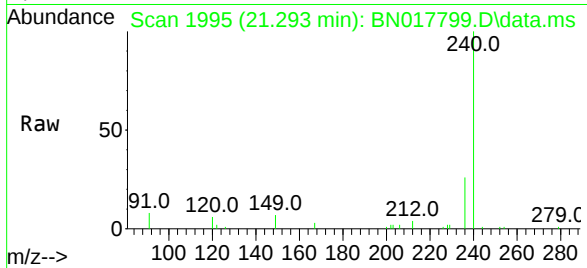
Tgt Ion:212 Resp: 107892
Ion Ratio Lower Upper
212 100
106 9.9 8.2 12.2
104 5.9 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1985
Delta R.T. 0.010 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

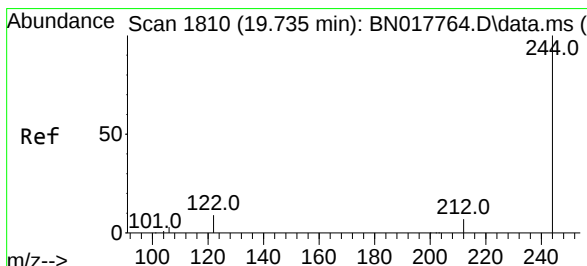
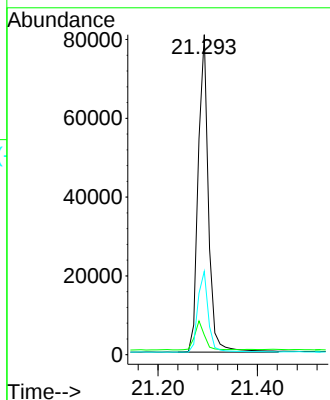
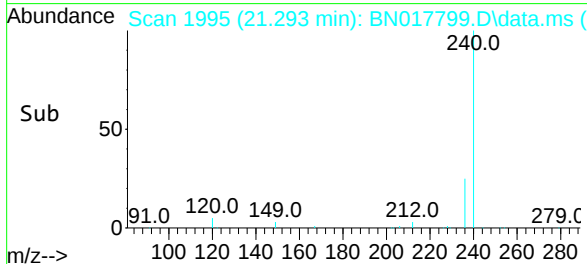
Instrument :
BNA_N
ClientSampleId :
MW-37



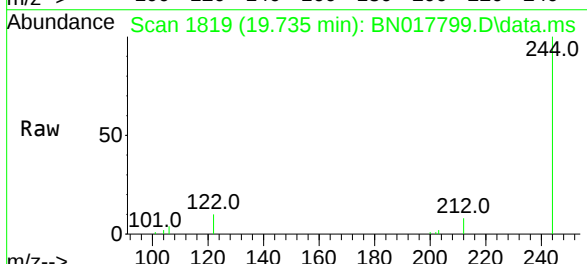
Tgt Ion:240 Resp: 115211
Ion Ratio Lower Upper
240 100
120 6.2 7.9 11.9
236 26.1 21.4 32.2

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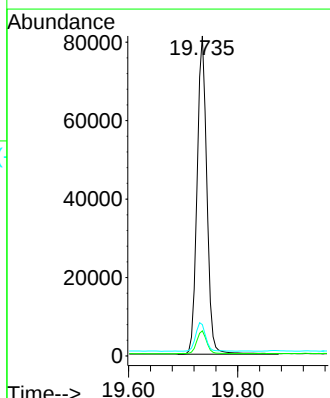
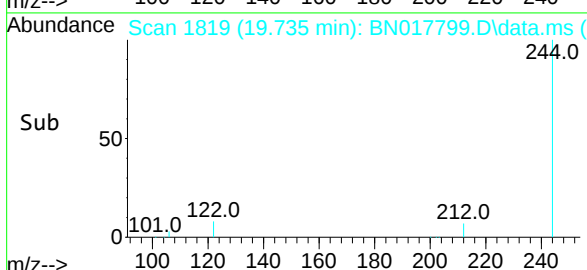
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

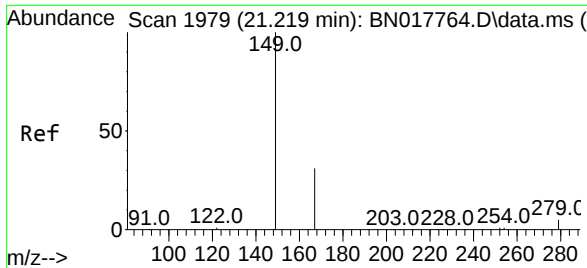


#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.735 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46



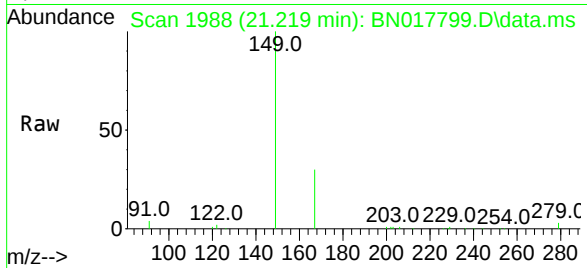
Tgt Ion:244 Resp: 100685
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.8
122 9.8 7.1 10.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 1.333 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

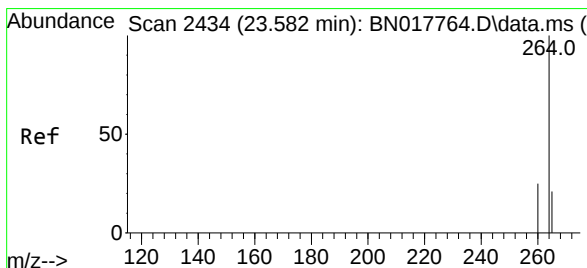
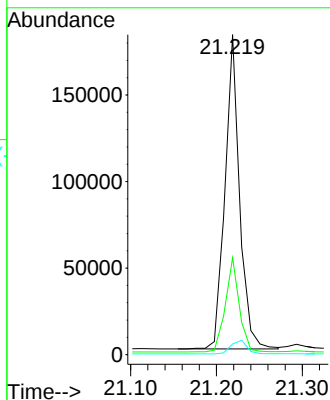
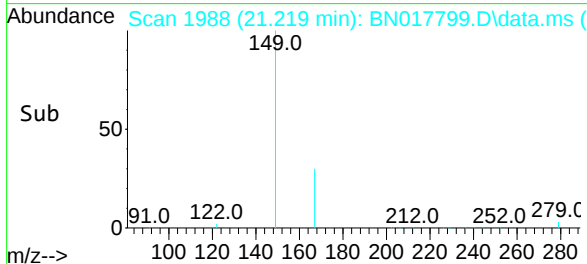
Instrument :
BNA_N
ClientSampleId :
MW-37



Tgt Ion:149 Resp: 214159
Ion Ratio Lower Upper
149 100
167 28.4 23.5 35.3
279 4.8 3.8 5.6

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



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2445
Delta R.T. 0.007 min
Lab File: BN017799.D
Acq: 08 Dec 2021 14:46

Tgt Ion:264 Resp: 105540
Ion Ratio Lower Upper
264 100
260 25.4 20.0 30.0
265 25.1 20.5 30.7

