

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017773.D
 Acq On : 07 Dec 2021 21:13
 Operator : CG/JU
 Sample : M4917-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-29

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 07:34:09 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	21860	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	84521	0.40	ng	# 0.00
13) Acenaphthene-d10	14.348	164	65672	0.40	ng	# 0.00
19) Phenanthrene-d10	17.093	188	131385	0.40	ng	# 0.00
29) Chrysene-d12	21.283	240	128458	0.40	ng	# 0.00
35) Perylene-d12	23.583	264	129905	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	9887	0.19	ng	0.00
5) Phenol-d6	6.904	99	4389	0.09	ng	0.00
8) Nitrobenzene-d5	8.859	82	22325m	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	47291	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	17182	0.50	ng	-0.01
15) 2-Fluorobiphenyl	12.965	172	84397	0.35	ng	0.00
27) Fluoranthene-d10	19.130	212	142270	0.32	ng	0.00
31) Terphenyl-d14	19.730	244	131307	0.48	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.545	128	592360	2.68	ng	100
12) 2-Methylnaphthalene	12.161	142	84253	0.53	ng	98
24) Pentachlorophenol	16.752	266	1243	0.31	ng	95
25) Phenanthrene	17.129	178	25830m	0.07	ng	
34) Bis(2-ethylhexyl)phtha...	21.219	149	18891	0.11	ng	# 97

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

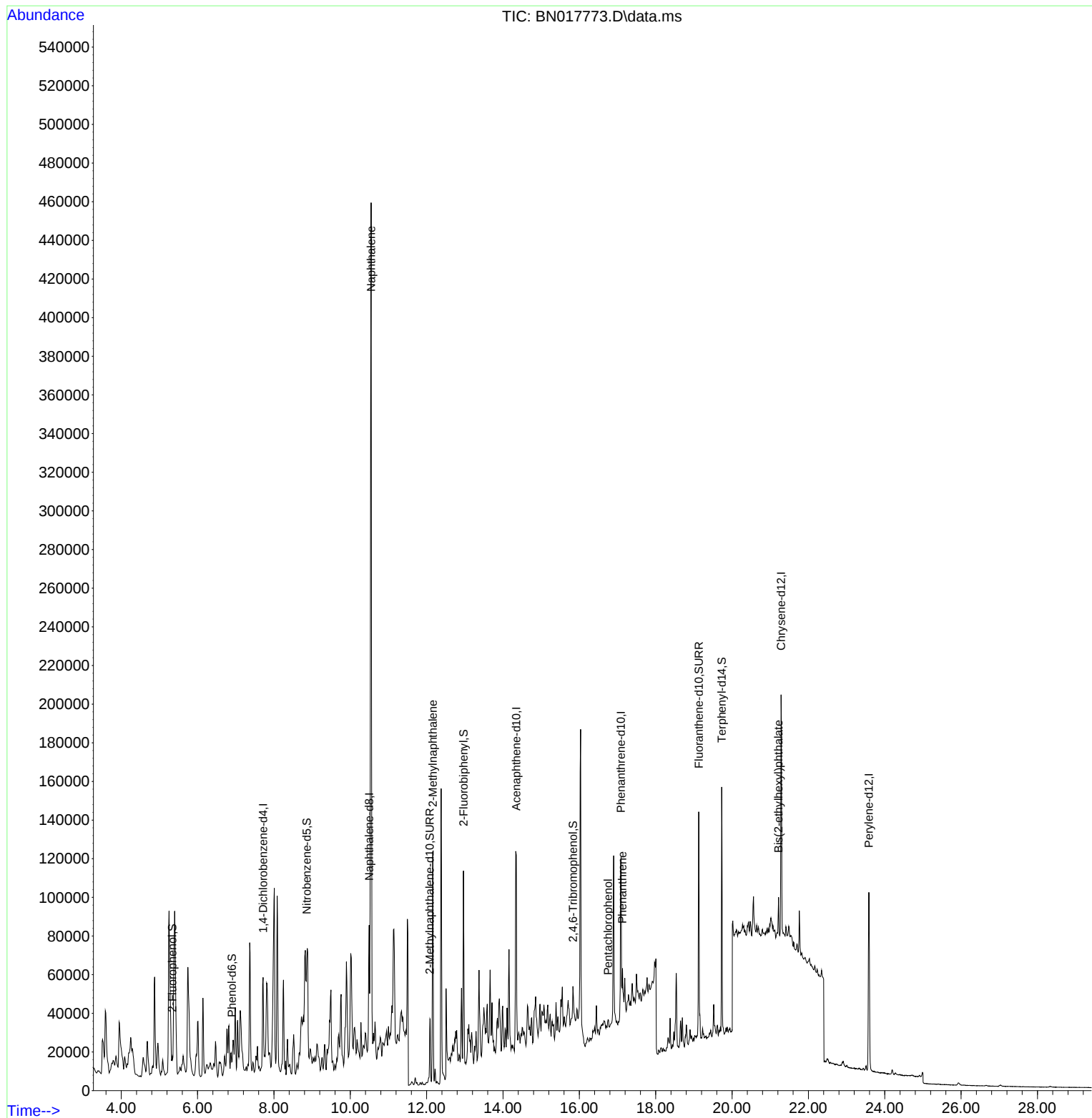
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017773.D
Acq On : 07 Dec 2021 21:13
Operator : CG/JU
Sample : M4917-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

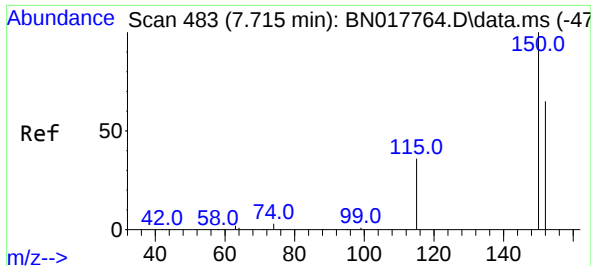
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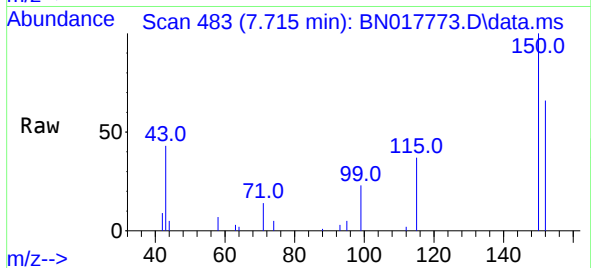
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 483
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Instrument :

BNA_N

ClientSampleId :

MW-29

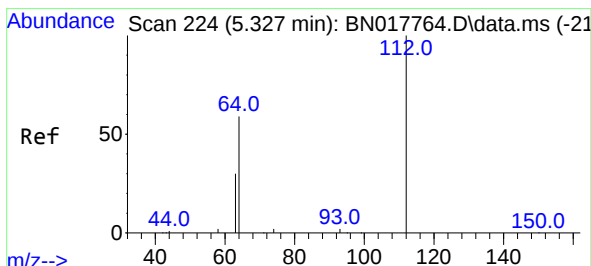
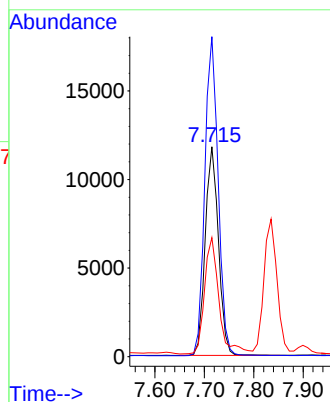


Tgt Ion:152 Resp: 21860
Ion Ratio Lower Upper
152 100
150 152.4 123.0 184.4
115 56.7 45.3 67.9

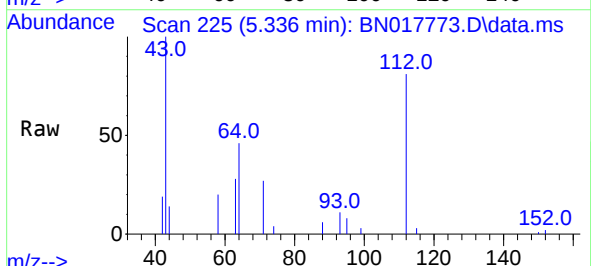
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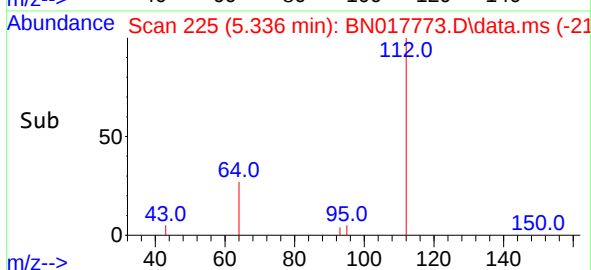
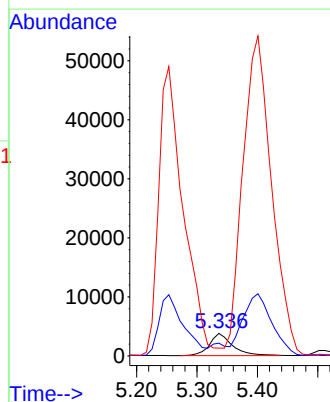
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

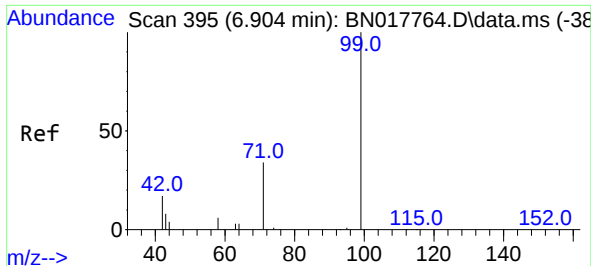


#4
2-Fluorophenol
Concen: 0.19 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13



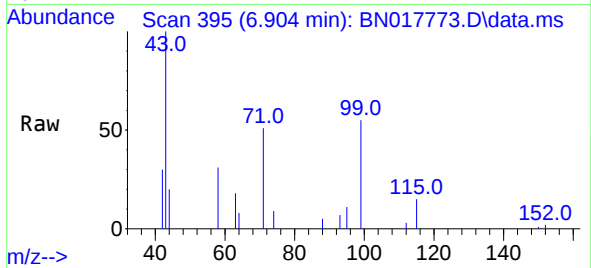
Tgt Ion:112 Resp: 9887
Ion Ratio Lower Upper
112 100
64 12.3 49.3 73.9#
63 0.0 25.8 38.8#





#5
Phenol-d6
Concen: 0.09 ng
RT: 6.904 min Scan# 395
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

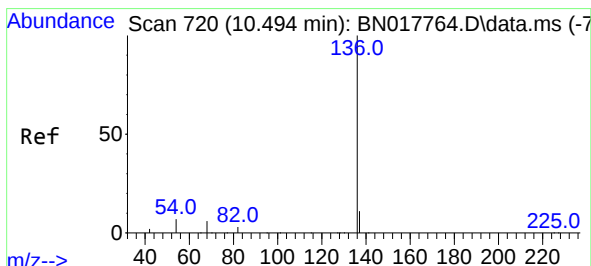
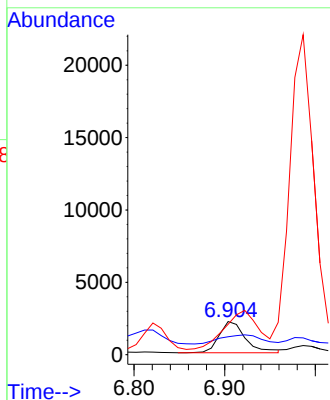
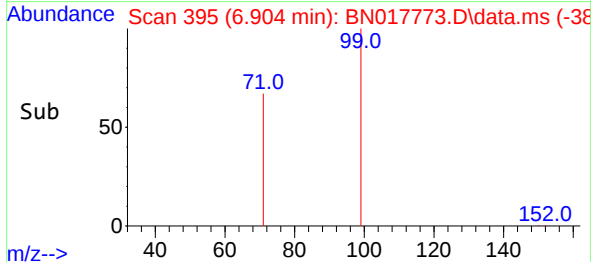
Instrument :
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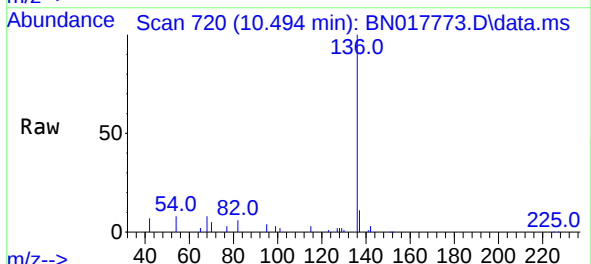
Tgt Ion: 99 Resp: 4389
Ion Ratio Lower Upper
99 100
42 44.1 16.6 25.0
71 158.6 29.0 43.4

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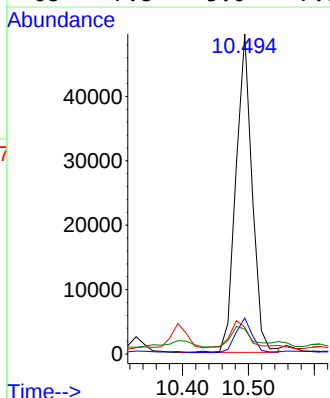
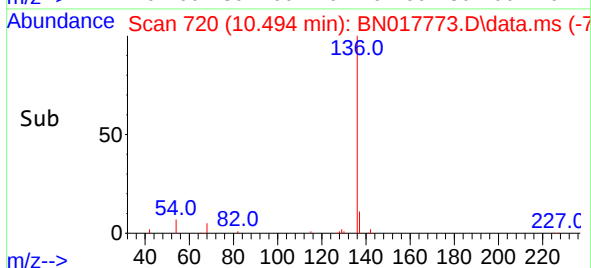
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

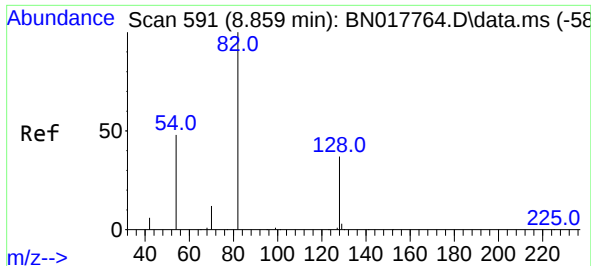


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.494 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13



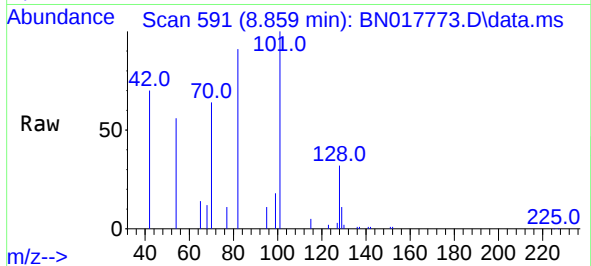
Tgt Ion:136 Resp: 84521
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 5.9 8.9
68 7.8 5.0 7.6





#8
Nitrobenzene-d5
Concen: 0.40 ng m
RT: 8.859 min Scan# 591
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

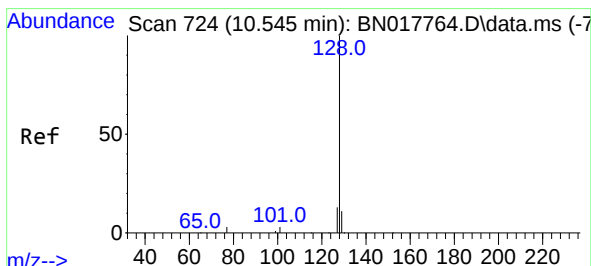
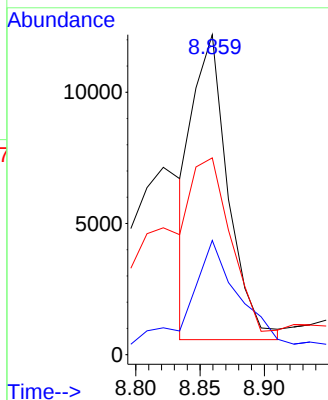
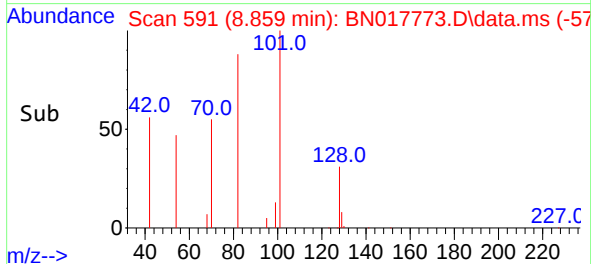
Instrument :
BNA_N
ClientSampleId :
MW-29



Tgt Ion: 82 Resp: 2232
Ion Ratio Lower Upper
82 100
128 35.7 30.2 45.2
54 61.5 39.0 58.6

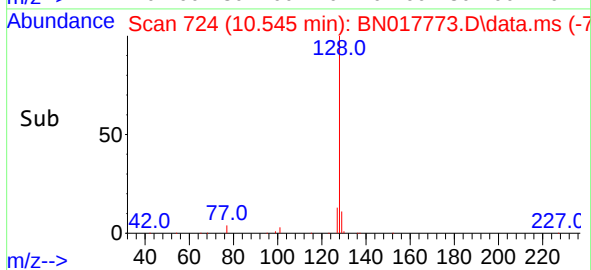
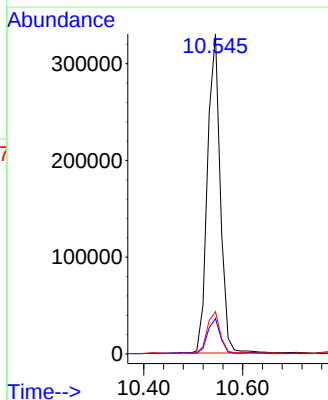
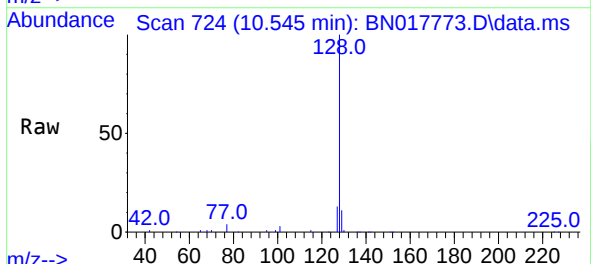
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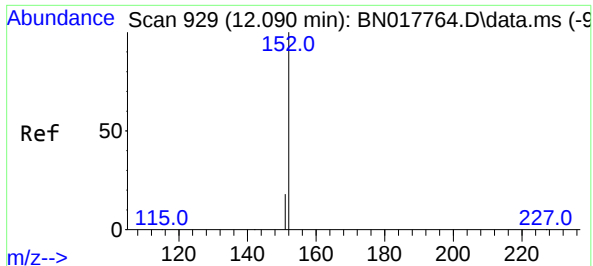
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Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 2.68 ng
RT: 10.545 min Scan# 724
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Tgt Ion:128 Resp: 592360
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.6 15.8





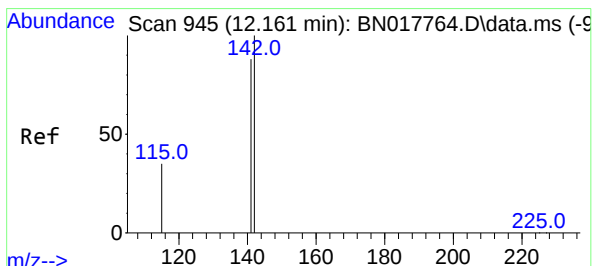
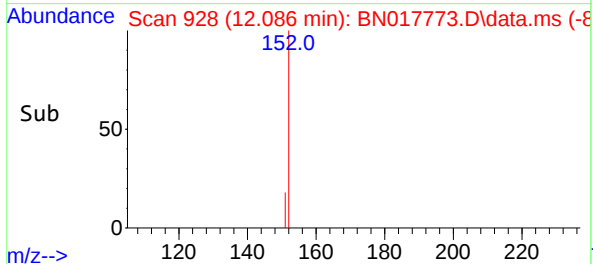
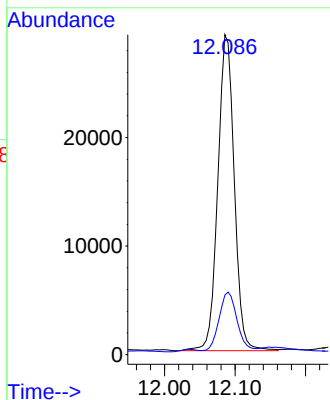
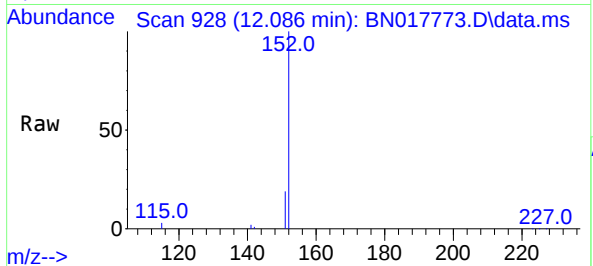
#11
2-Methylnaphthalene-d10
Concen: 0.28 ng
RT: 12.086 min Scan# 911
Delta R.T. -0.004 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Instrument :
BNA_N
ClientSampleId :
MW-29

Tgt Ion:152 Resp: 4729
Ion Ratio Lower Upper
152 100
151 20.7 16.4 24.6

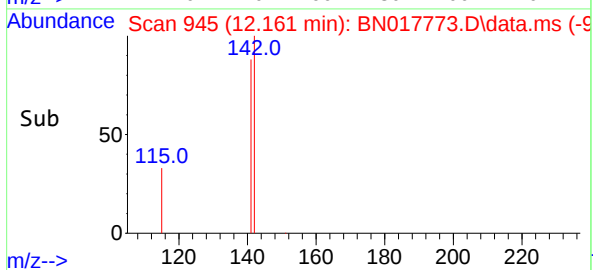
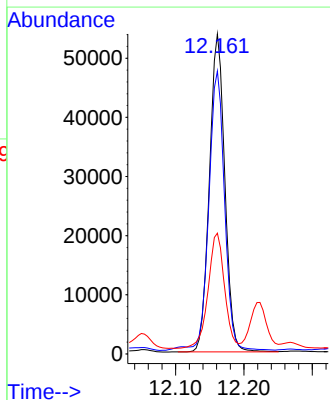
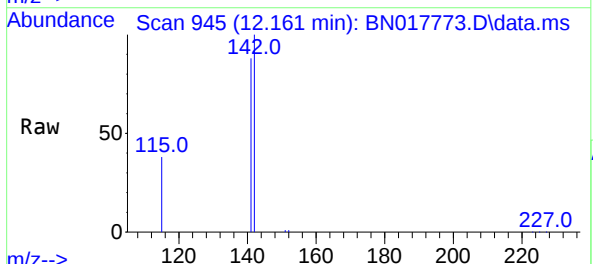
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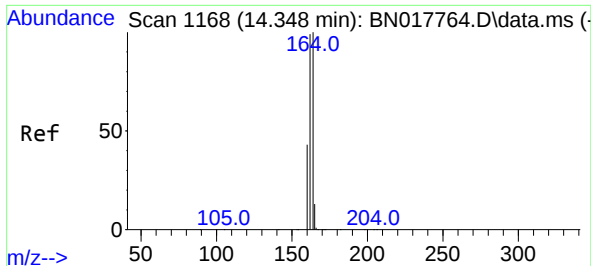
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#12
2-Methylnaphthalene
Concen: 0.53 ng
RT: 12.161 min Scan# 945
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

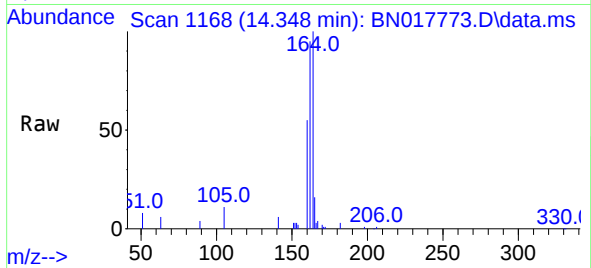
Tgt Ion:142 Resp: 84253
Ion Ratio Lower Upper
142 100
141 88.4 70.5 105.7
115 37.7 28.0 42.0





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.348 min Scan# 1168
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

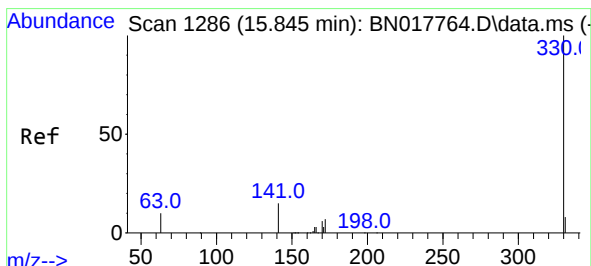
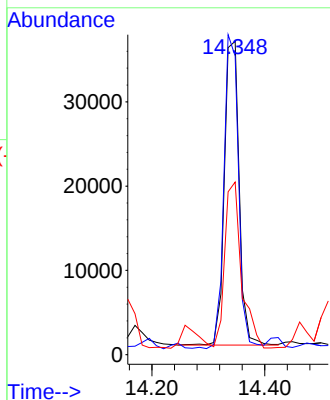
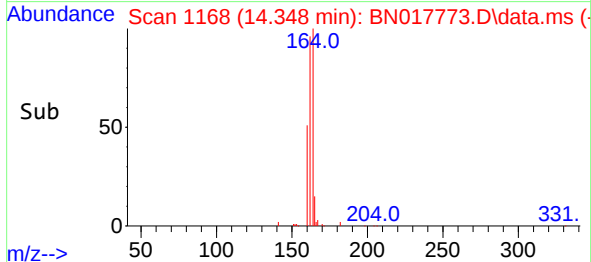
Instrument :
BNA_N
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MW-29



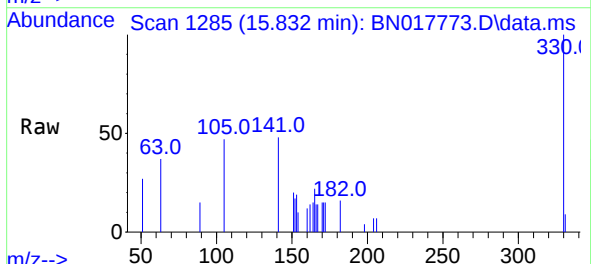
Tgt Ion:164 Resp: 65672
Ion Ratio Lower Upper
164 100
162 95.3 79.0 118.6
160 55.1 34.6 52.0

Manual Integrations
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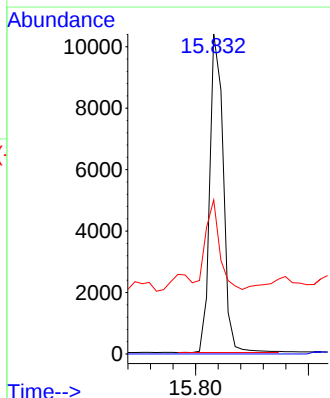
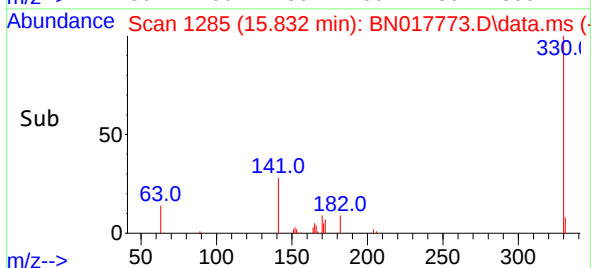
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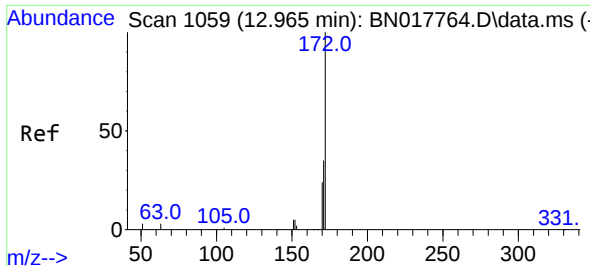


#14
2,4,6-Tribromophenol
Concen: 0.50 ng
RT: 15.832 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13



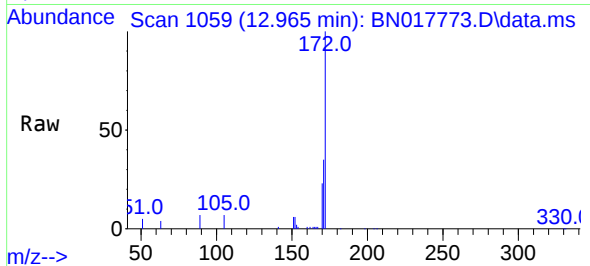
Tgt Ion:330 Resp: 17182
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.2 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.965 min Scan# 1059
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

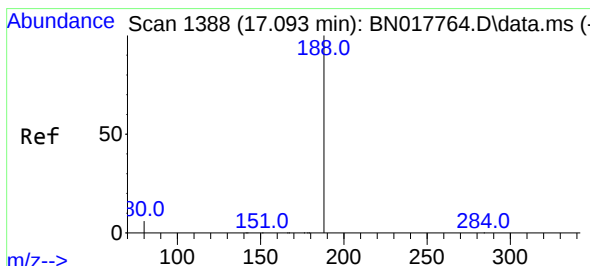
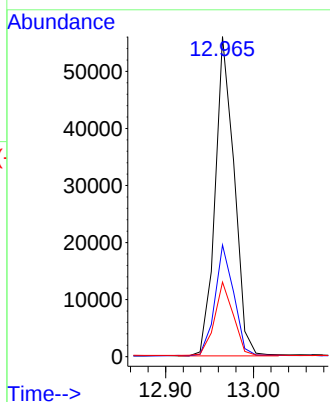
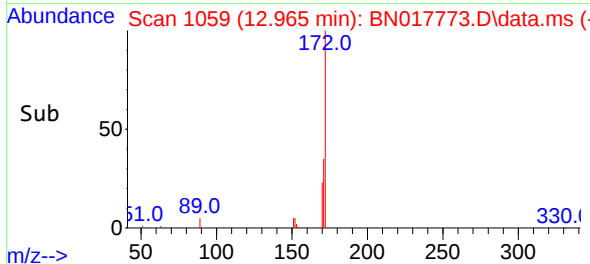
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ClientSampleId :
MW-29



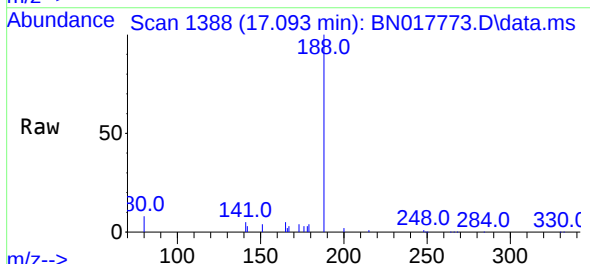
Tgt Ion:172 Resp: 8439
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.3 18.9 28.3

Manual Integrations
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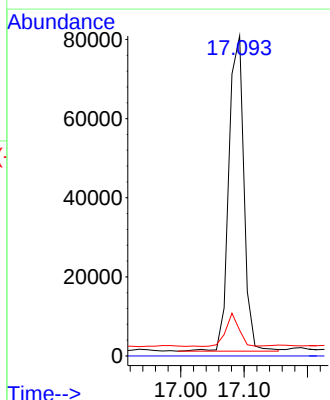
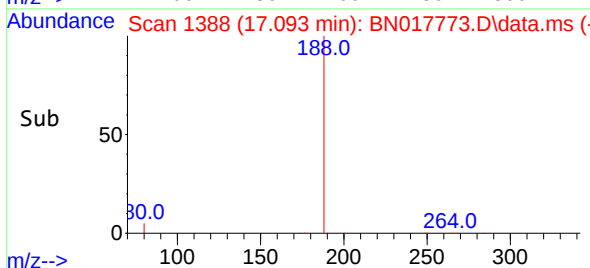
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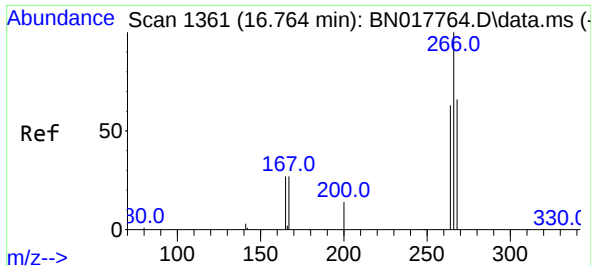


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.093 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13



Tgt Ion:188 Resp: 131385
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.1 5.1 7.7#





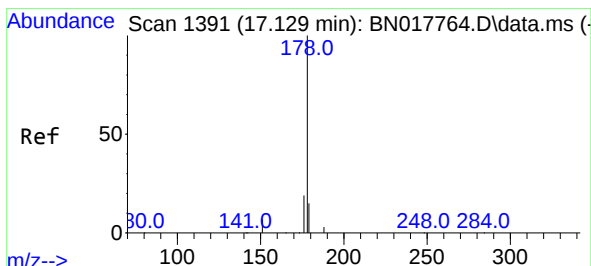
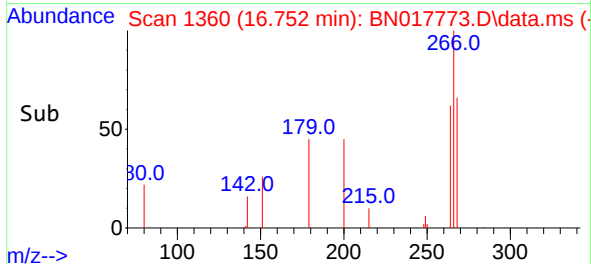
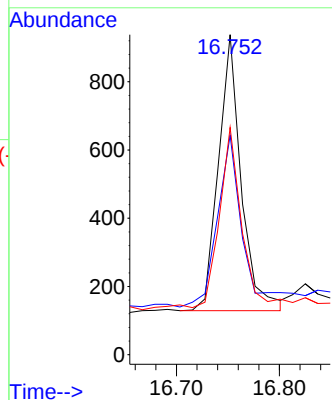
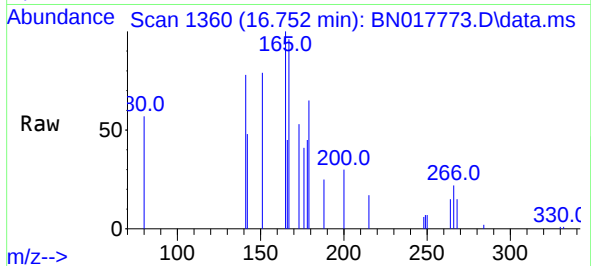
#24
Pentachlorophenol
Concen: 0.31 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Instrument :
BNA_N
ClientSampleId :
MW-29

Tgt Ion:266 Resp: 124
Ion Ratio Lower Upper
266 100
264 71.4 50.8 76.2
268 64.4 51.8 77.6

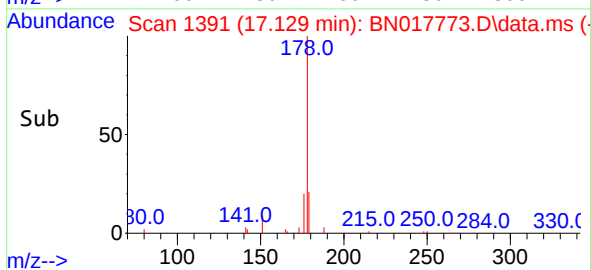
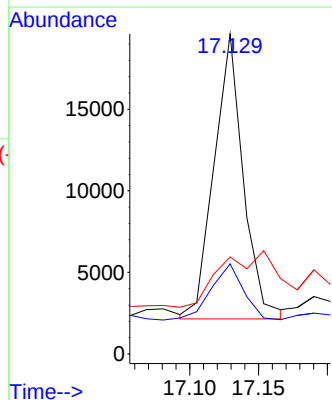
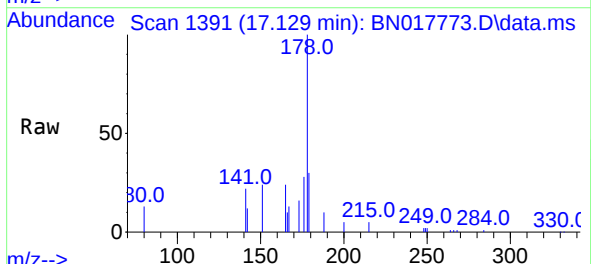
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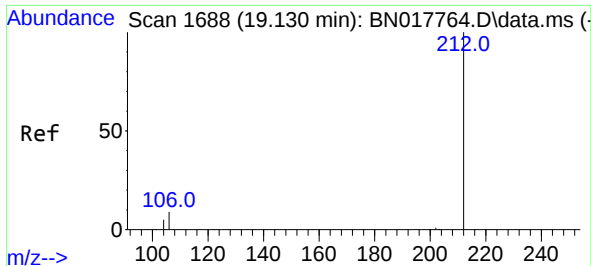
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#25
Phenanthrene
Concen: 0.07 ng m
RT: 17.129 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

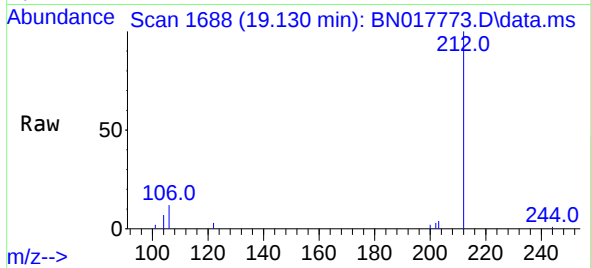
Tgt Ion:178 Resp: 25830
Ion Ratio Lower Upper
178 100
176 22.5 15.0 22.6
179 0.0 12.5 18.7#





#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.130 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

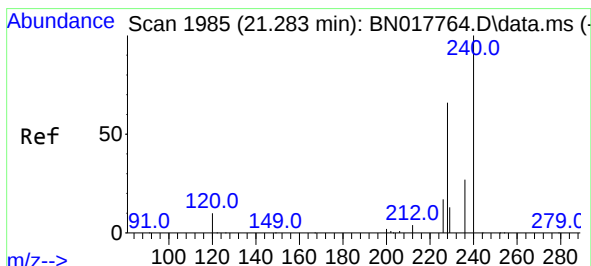
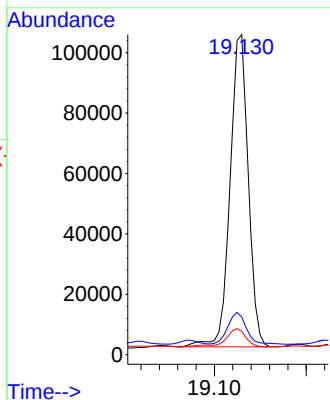
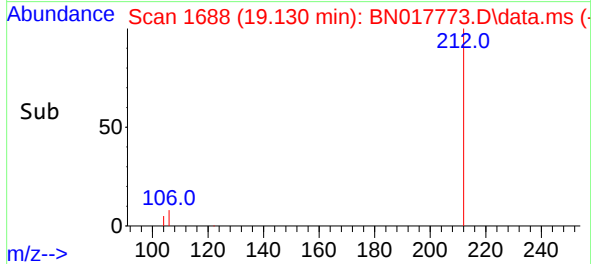
Instrument :
BNA_N
ClientSampleId :
MW-29



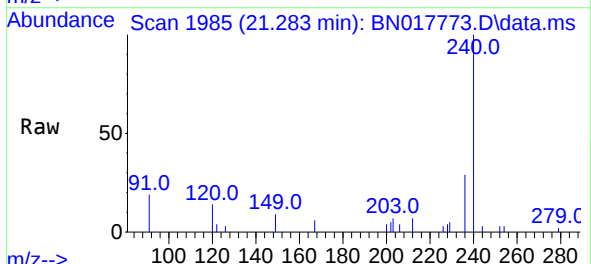
Tgt Ion:212 Resp: 142270
Ion Ratio Lower Upper
212 100
106 10.2 8.2 12.2
104 6.5 4.6 6.8

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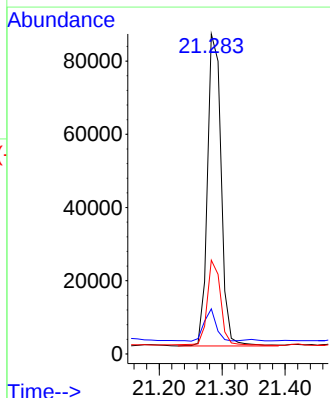
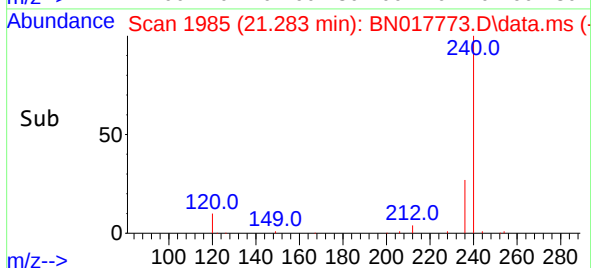
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

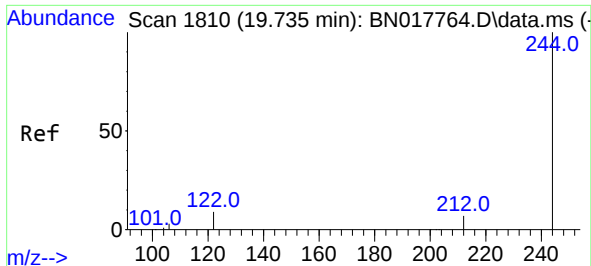


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.283 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13



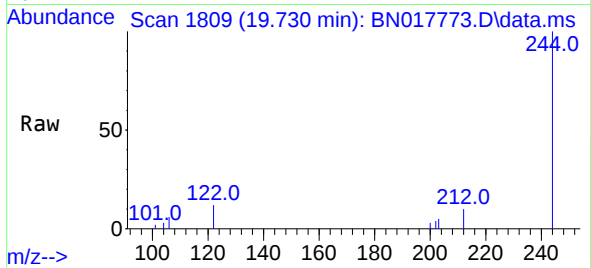
Tgt Ion:240 Resp: 128458
Ion Ratio Lower Upper
240 100
120 14.1 7.9 11.9#
236 29.3 21.4 32.2





#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.730 min Scan# 1810
Delta R.T. -0.005 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

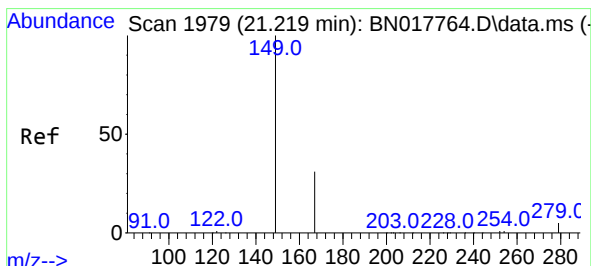
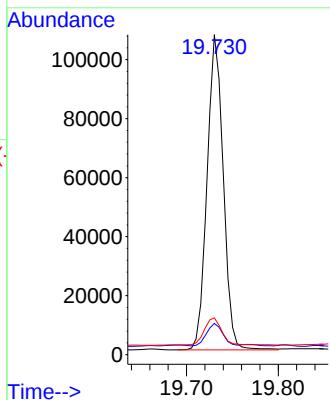
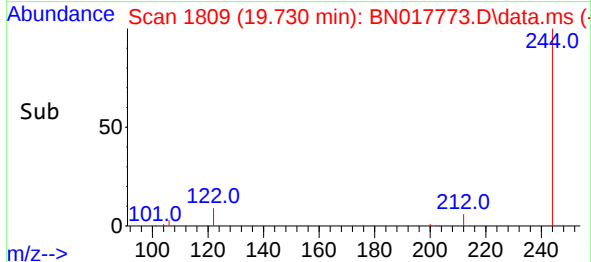
Instrument :
BNA_N
ClientSampleId :
MW-29



Tgt Ion:244 Resp: 131307
Ion Ratio Lower Upper
244 100
212 9.8 5.8 8.8
122 11.5 7.1 10.7

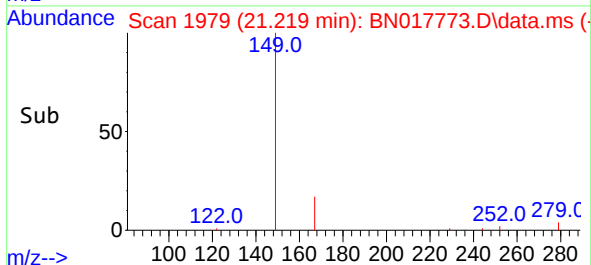
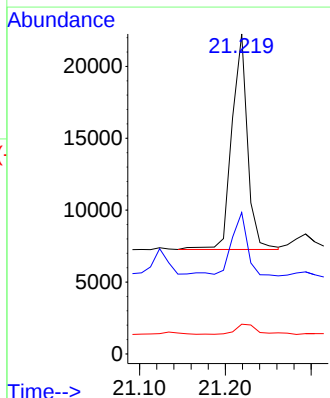
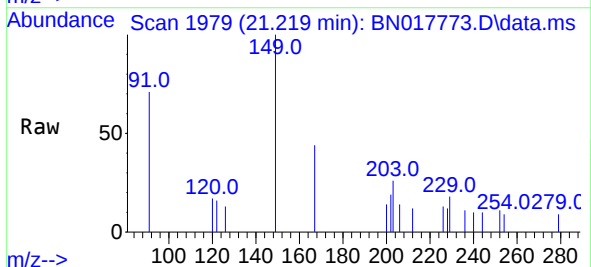
Manual Integrations
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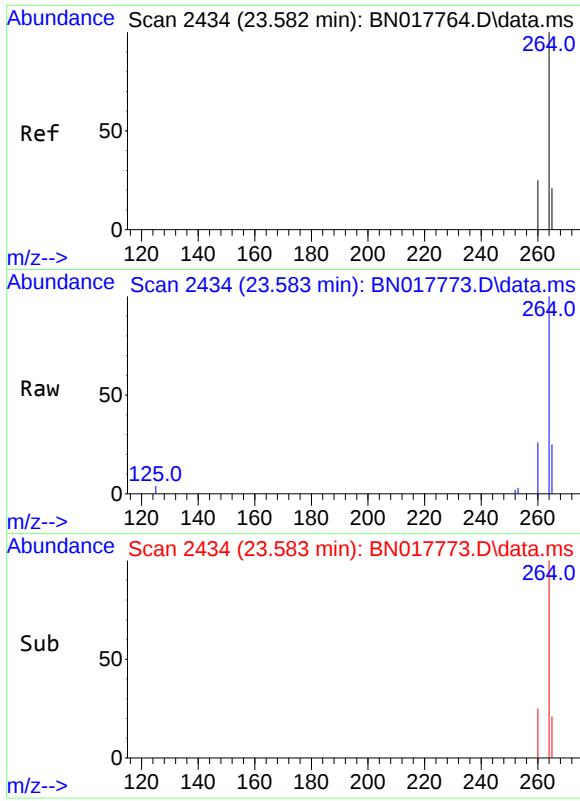
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.219 min Scan# 1979
Delta R.T. 0.000 min
Lab File: BN017773.D
Acq: 07 Dec 2021 21:13

Tgt Ion:149 Resp: 18891
Ion Ratio Lower Upper
149 100
167 30.7 23.5 35.3
279 6.5 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: BN017773.D
Acq: 07 Dec 2021 21:13

Instrument :
BNA_N
ClientSampleId :
MW-29

Tgt Ion:264	Resp:	12990
Ion Ratio	Lower	Upper
264	100	
260	25.7	20.0 30.0
265	25.1	20.5 30.7

Manual Integrations
APPROVED

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

