

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017772.D
 Acq On : 07 Dec 2021 20:37
 Operator : CG/JU
 Sample : M4917-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-24

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 07:34:00 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	22200	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	79894	0.40	ng	0.00
13) Acenaphthene-d10	14.335	164	64691	0.40	ng	#-0.01
19) Phenanthrene-d10	17.092	188	135184	0.40	ng	0.00
29) Chrysene-d12	21.282	240	135340	0.40	ng	0.00
35) Perylene-d12	23.579	264	123836	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	8501	0.16	ng	0.00
5) Phenol-d6	6.903	99	4596	0.09	ng	0.00
8) Nitrobenzene-d5	8.859	82	19189m	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	50755	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	15808	0.47	ng	-0.01
15) 2-Fluorobiphenyl	12.964	172	92057	0.39	ng	0.00
27) Fluoranthene-d10	19.124	212	163680	0.36	ng	0.00
31) Terphenyl-d14	19.730	244	142473	0.49	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.545	128	63465	0.30	ng	# 1
12) 2-Methylnaphthalene	12.161	142	5648	0.04	ng	# 65
17) Acenaphthene	14.398	154	18073	0.11	ng	92
18) Fluorene	15.388	166	12347	0.06	ng	# 90
24) Pentachlorophenol	16.752	266	269	0.29	ng	# 91
25) Phenanthrene	17.129	178	24999m	0.07	ng	
34) Bis(2-ethylhexyl)phtha...	21.208	149	17943	0.10	ng	100

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

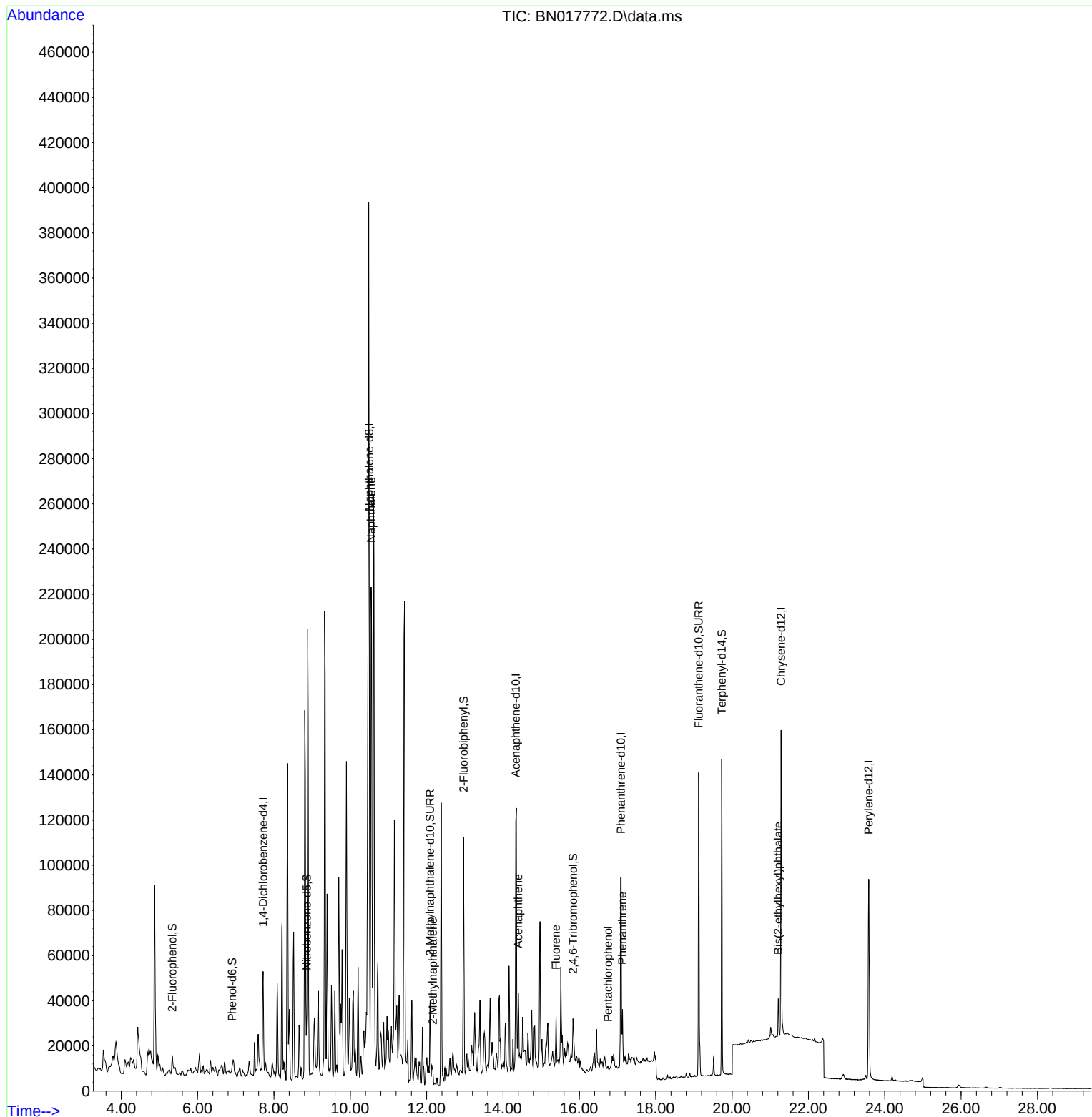
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017772.D
Acq On : 07 Dec 2021 20:37
Operator : CG/JU
Sample : M4917-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

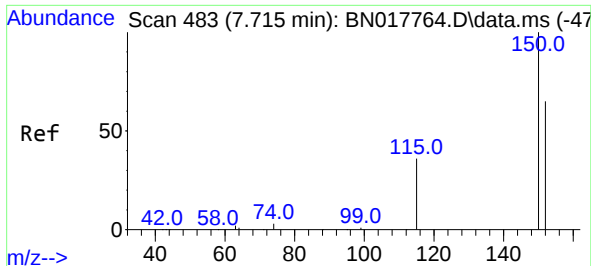
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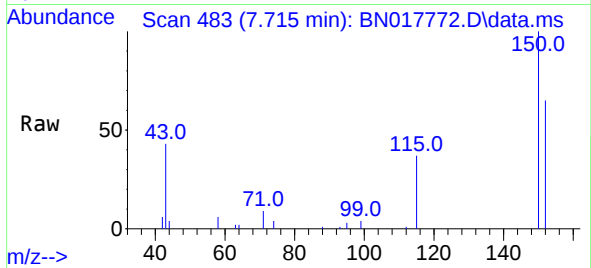
Quant Time: Dec 08 07:34:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 483
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

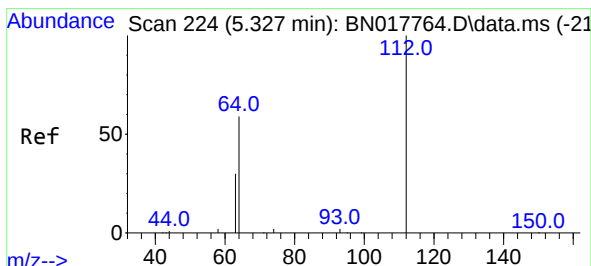
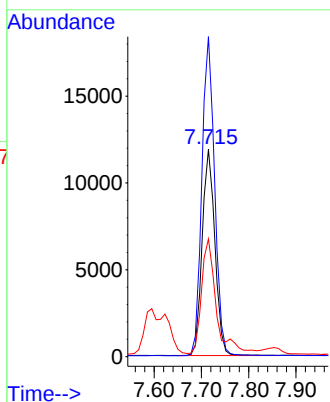
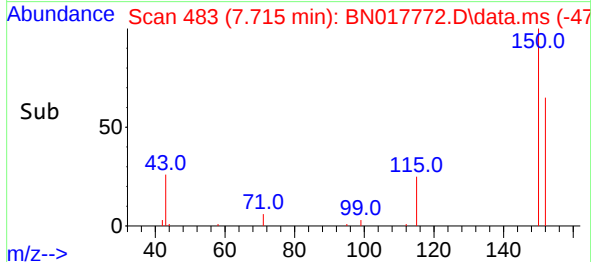
Instrument :
BNA_N
ClientSampleId :
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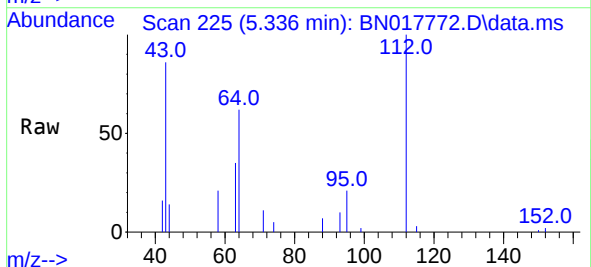
Tgt Ion:152 Resp: 22200
Ion Ratio Lower Upper
152 100
150 154.3 123.0 184.4
115 56.8 45.3 67.9

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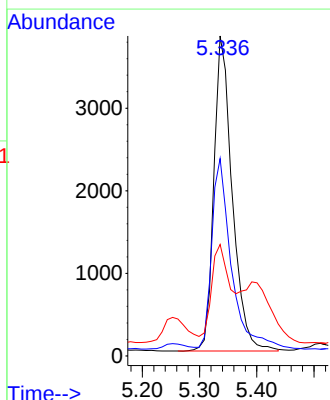
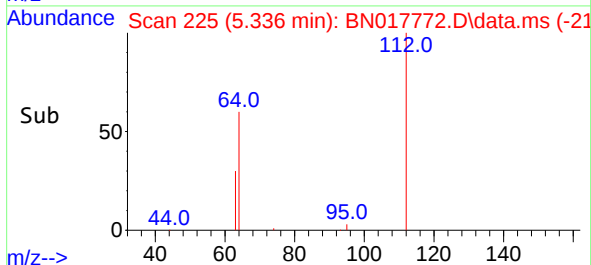
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

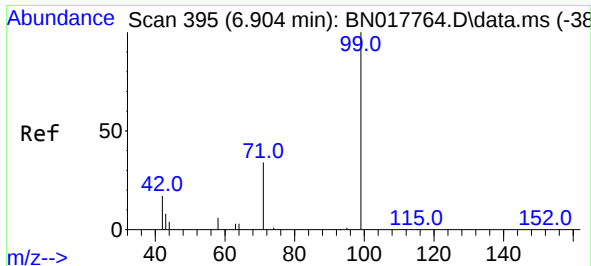


#4
2-Fluorophenol
Concen: 0.16 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37



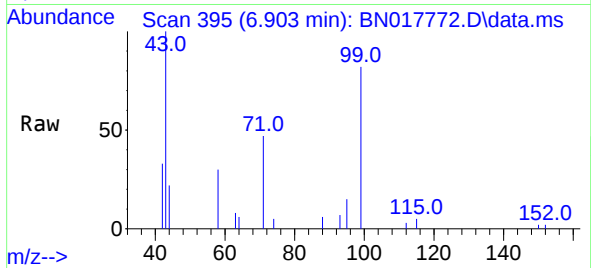
Tgt Ion:112 Resp: 8501
Ion Ratio Lower Upper
112 100
64 62.0 49.3 73.9
63 28.8 25.8 38.8





#5
Phenol-d6
Concen: 0.09 ng
RT: 6.903 min Scan# 395
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

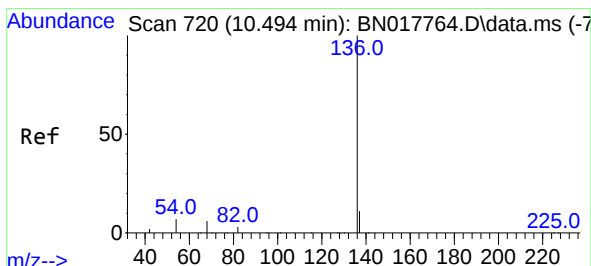
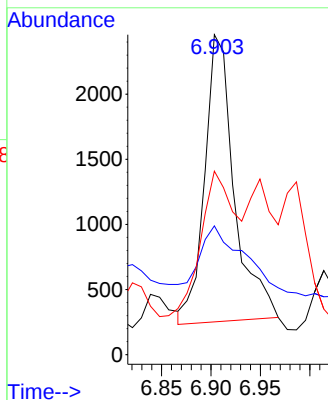
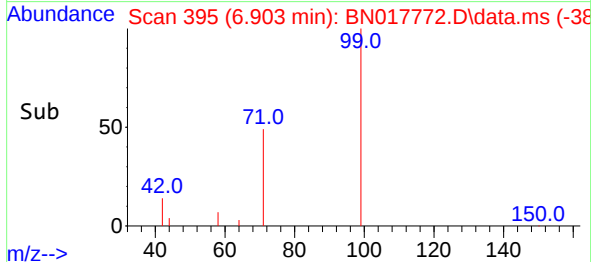
Instrument :
BNA_N
ClientSampleId :
MW-24



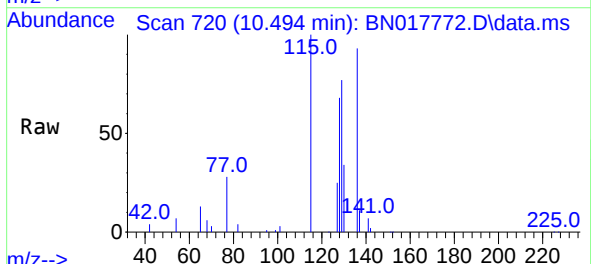
Tgt Ion: 99 Resp: 4590
Ion Ratio Lower Upper
99 100
42 28.7 16.6 25.0
71 61.0 29.0 43.4

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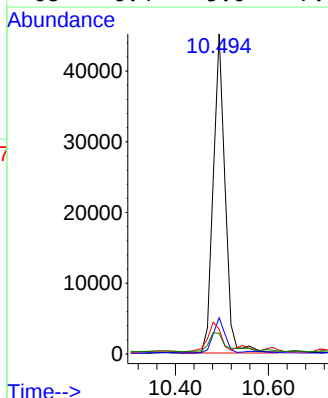
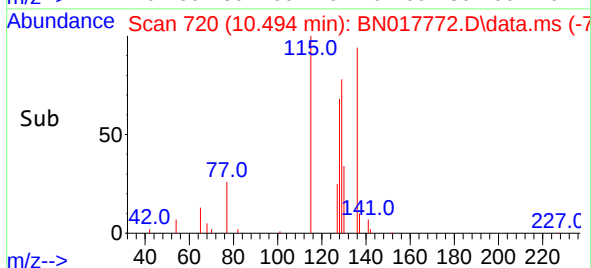
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

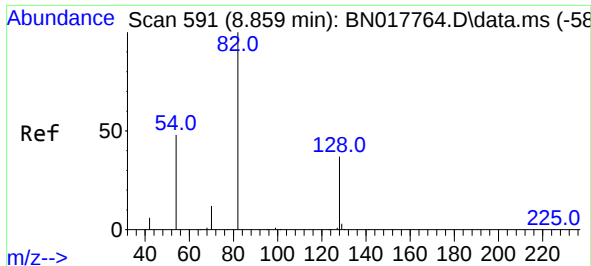


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37



Tgt Ion:136 Resp: 79894
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.8 5.9 8.9
68 6.4 5.0 7.6





#8
Nitrobenzene-d5
Concen: 0.36 ng m
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Instrument :

BNA_N

ClientSampleId :

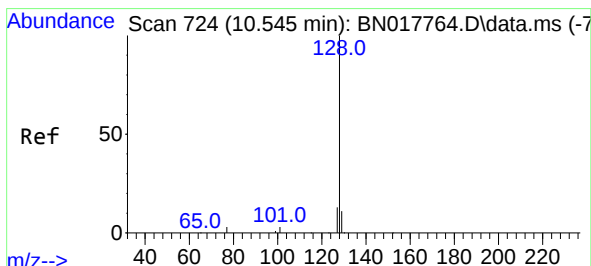
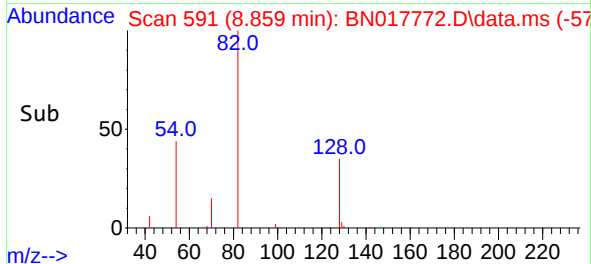
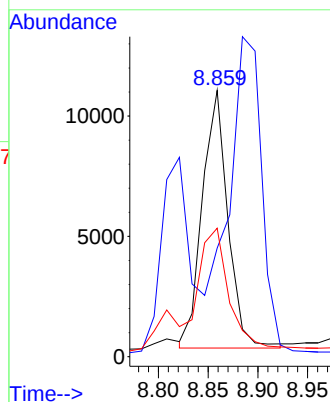
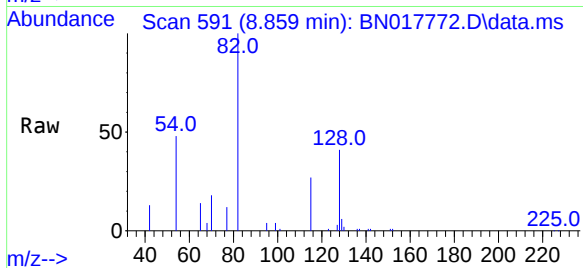
MW-24

Tgt Ion: 82 Resp: 19189
Ion Ratio Lower Upper
82 100
128 40.8 30.2 45.2
54 48.3 39.0 58.6

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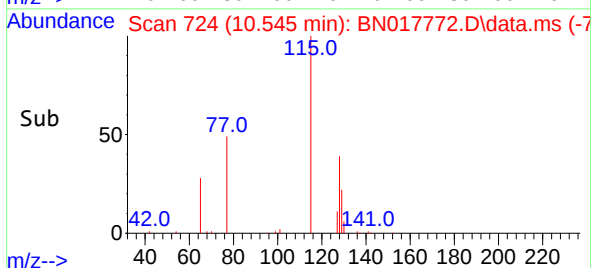
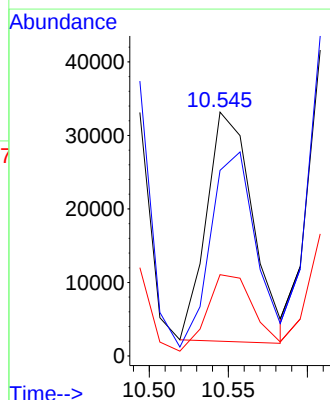
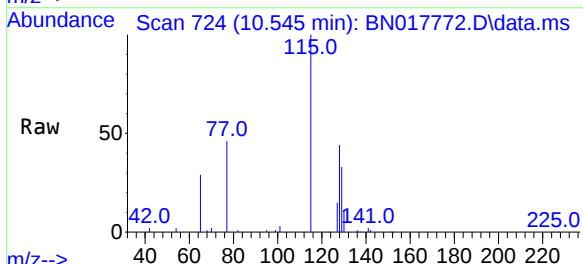
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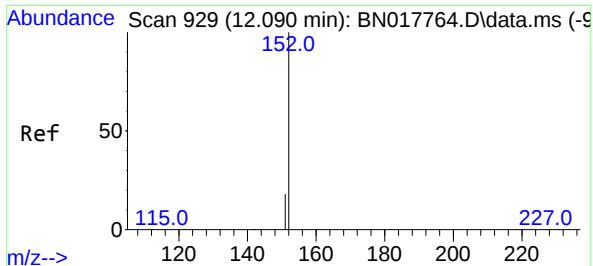
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Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 0.30 ng
RT: 10.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion:128 Resp: 63465
Ion Ratio Lower Upper
128 100
129 76.1 8.8 13.2#
127 33.3 10.6 15.8#





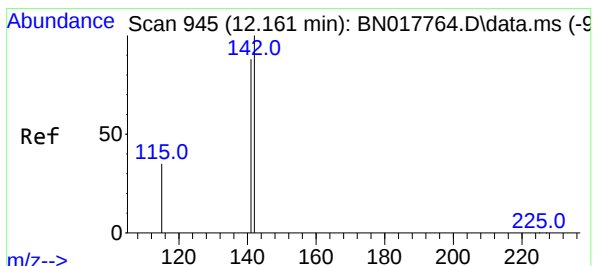
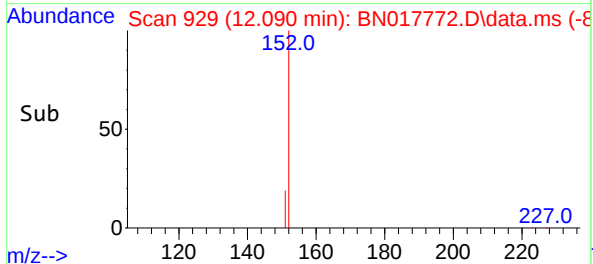
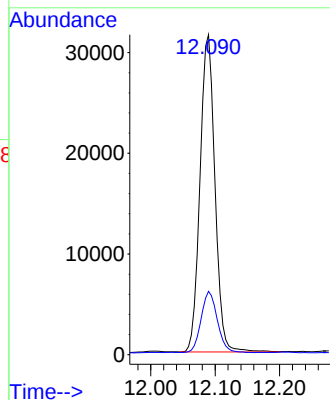
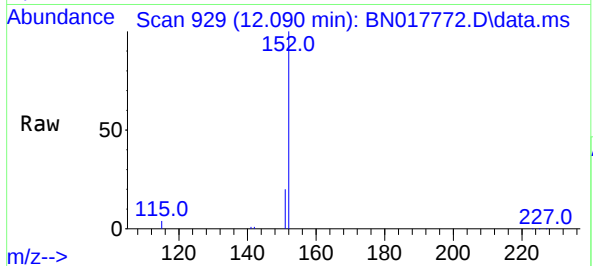
#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.090 min Scan# 911
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Instrument :
BNA_N
ClientSampleId :
MW-24

Tgt Ion:152 Resp: 5075
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6

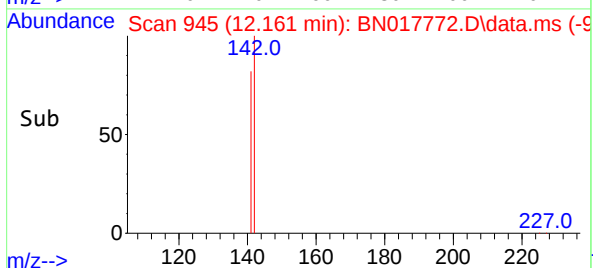
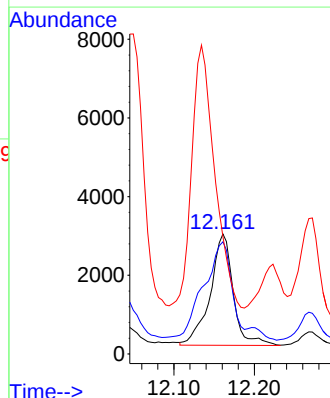
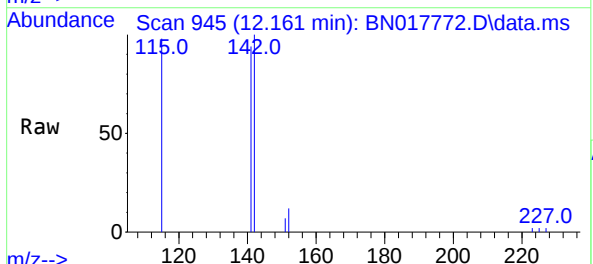
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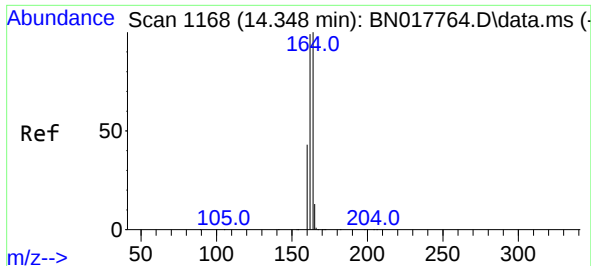
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Supervised By :mohammad ahmed 12/15/2021



#12
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.161 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

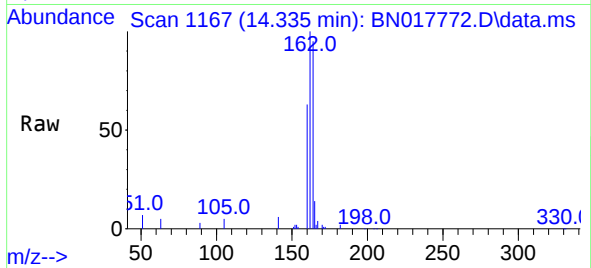
Tgt Ion:142 Resp: 5648
Ion Ratio Lower Upper
142 100
141 93.5 70.5 105.7
115 97.7 28.0 42.0#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.335 min Scan# 1167
Delta R.T. -0.013 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

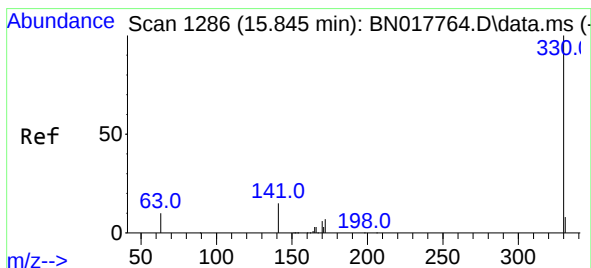
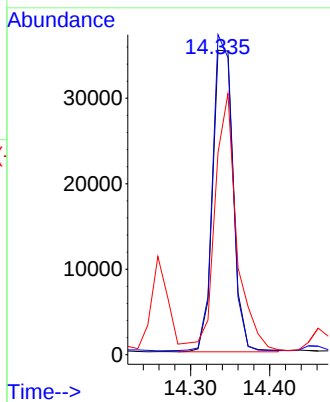
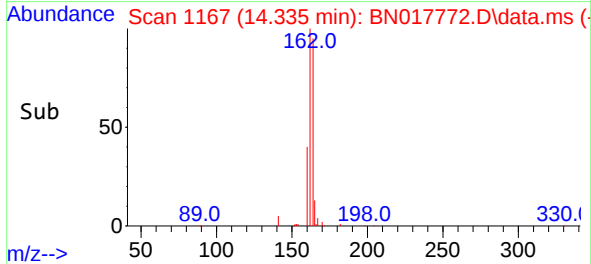
Instrument :
BNA_N
ClientSampleId :
MW-24



Tgt Ion:164 Resp: 6469
Ion Ratio Lower Upper
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162 105.1 79.0 118.6
160 66.4 34.6 52.0

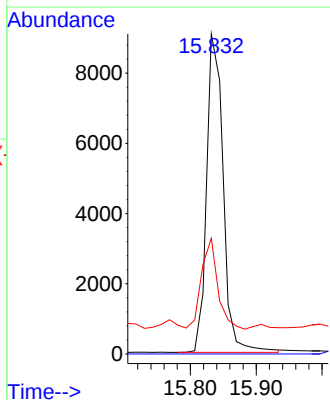
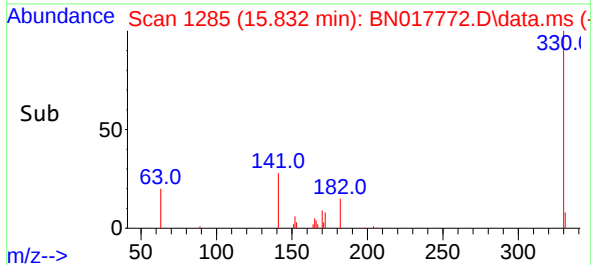
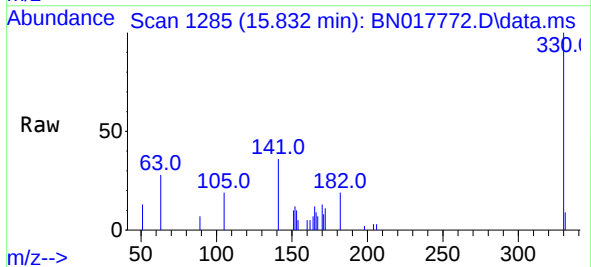
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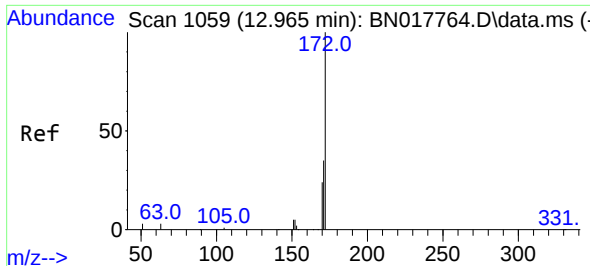
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#14
2,4,6-Tribromophenol
Concen: 0.47 ng
RT: 15.832 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion:330 Resp: 15808
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.2 21.5 32.3





#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.964 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Instrument :

BNA_N

ClientSampleId :

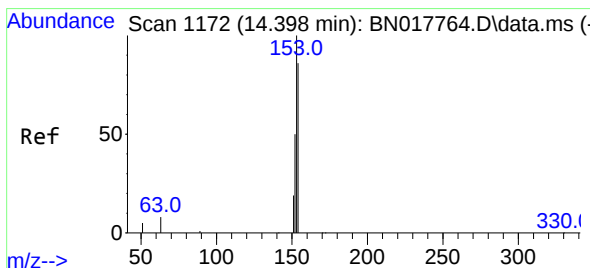
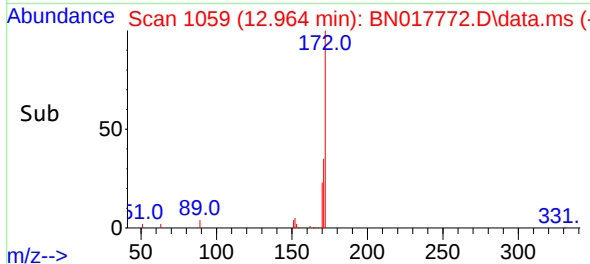
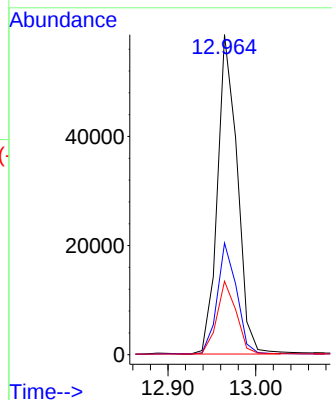
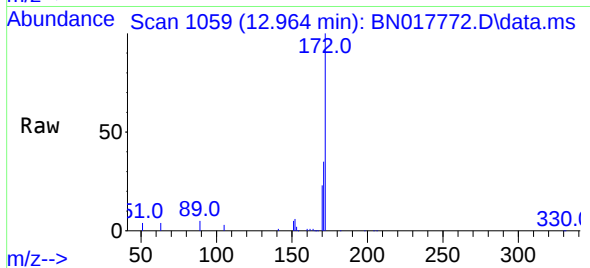
MW-24

Tgt Ion:172 Resp: 9205
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.0 18.9 28.3

Manual Integrations

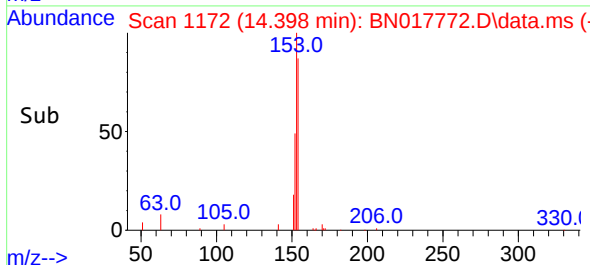
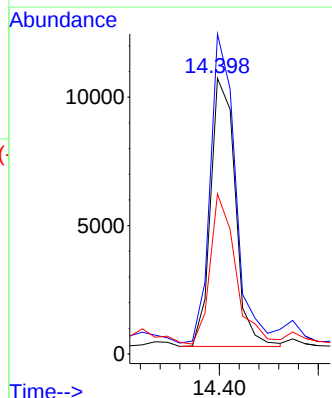
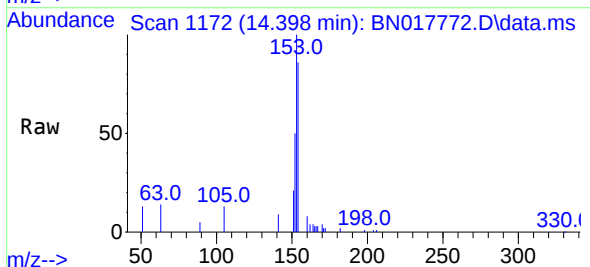
APPROVED

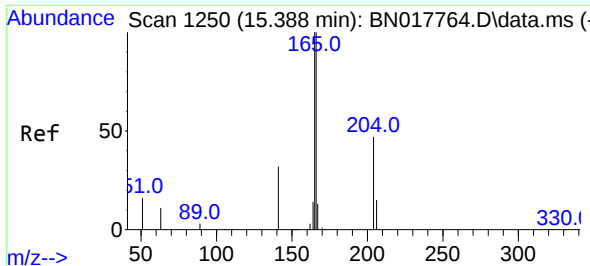
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#17
Acenaphthene
Concen: 0.11 ng
RT: 14.398 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

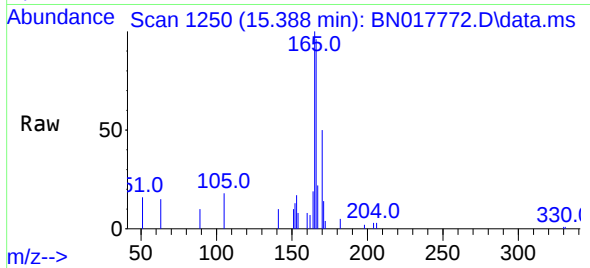
Tgt Ion:154 Resp: 18073
Ion Ratio Lower Upper
154 100
153 123.9 90.1 135.1
152 56.0 43.7 65.5





#18
Fluorene
Concen: 0.06 ng
RT: 15.388 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

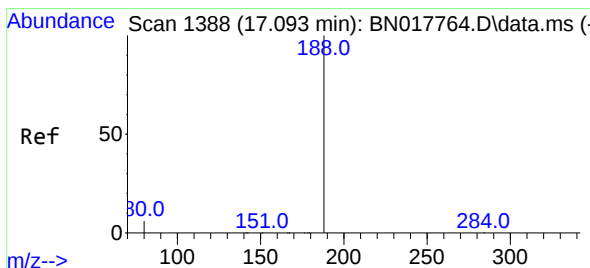
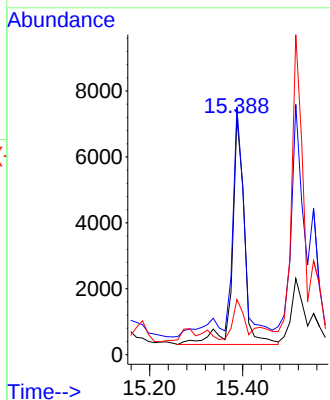
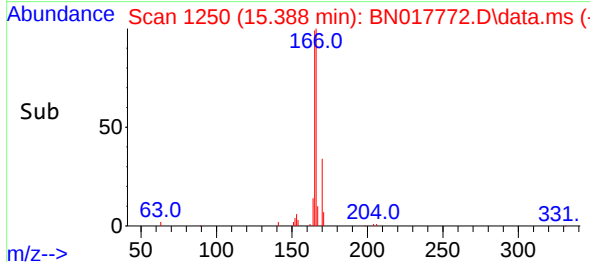
Instrument :
BNA_N
ClientSampleId :
MW-24



Tgt Ion:166 Resp: 1234
Ion Ratio Lower Upper
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165 107.3 77.8 116.8
167 17.7 11.0 16.4

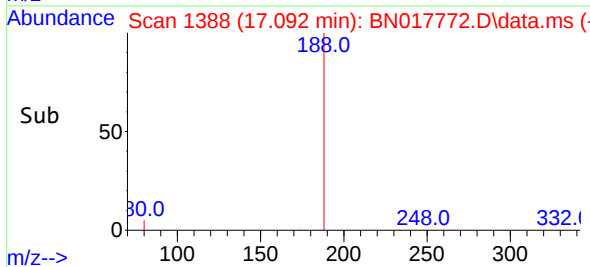
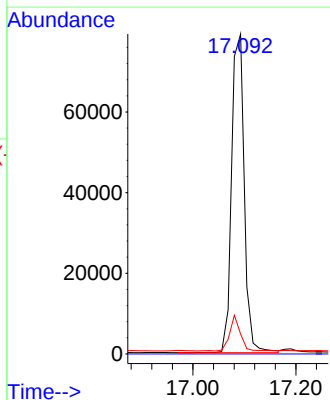
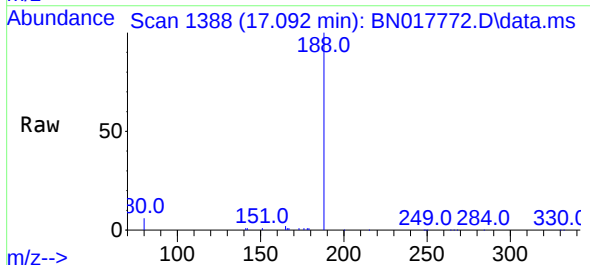
Manual Integrations
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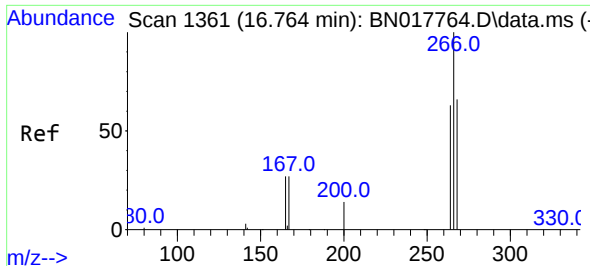
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

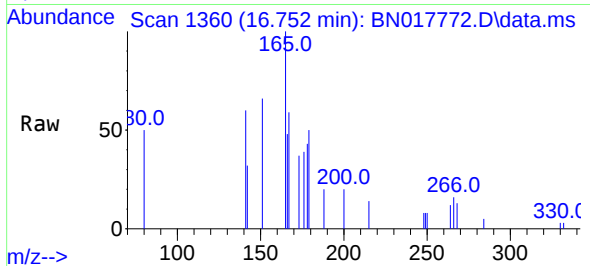
Tgt Ion:188 Resp: 135184
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.3 5.1 7.7





#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

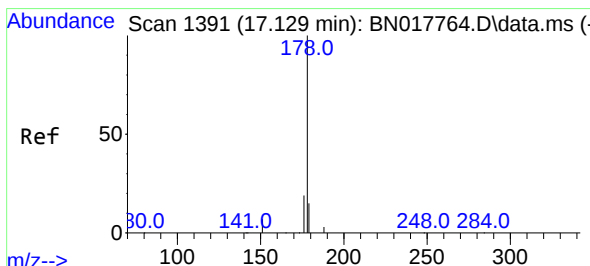
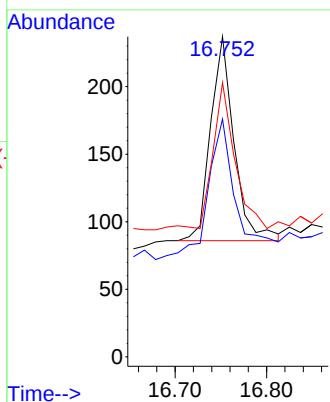
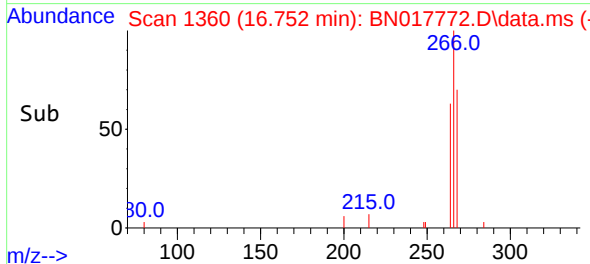
Instrument :
BNA_N
ClientSampleId :
MW-24



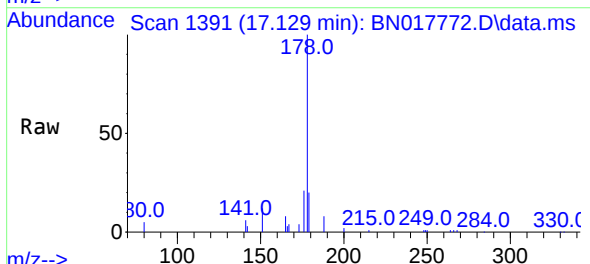
Tgt Ion:266 Resp: 269
Ion Ratio Lower Upper
266 100
264 77.3 50.8 76.2
268 65.8 51.8 77.6

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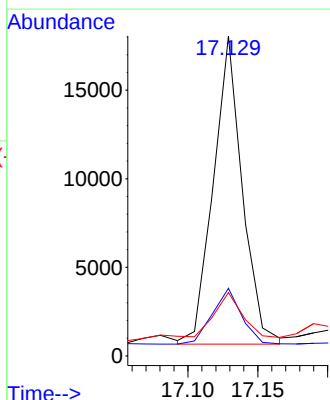
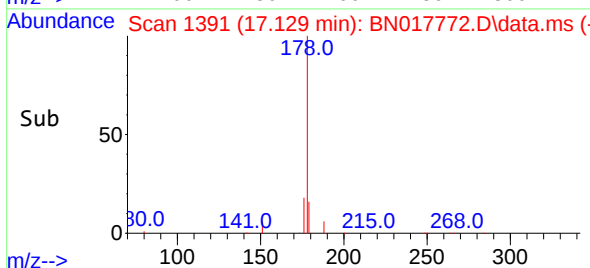
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

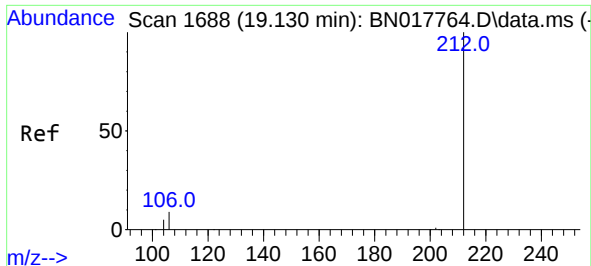


#25
Phenanthrene
Concen: 0.07 ng m
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37



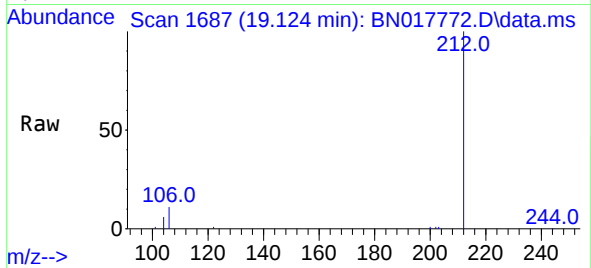
Tgt Ion:178 Resp: 24999
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 22.7 12.5 18.7#





#27
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.124 min Scan# 1687
Delta R.T. -0.005 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

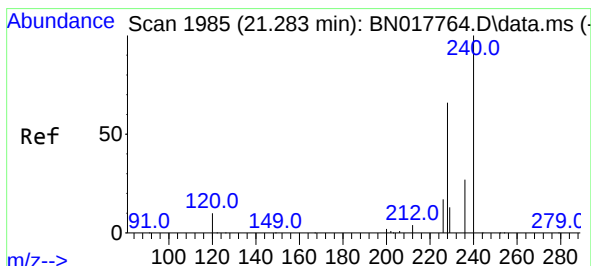
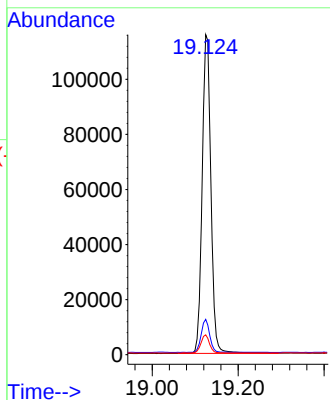
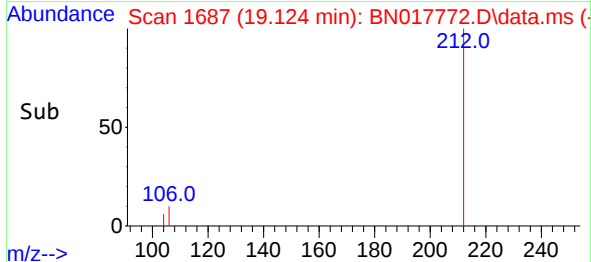
Instrument :
BNA_N
ClientSampleId :
MW-24



Tgt Ion:212 Resp: 163680
Ion Ratio Lower Upper
212 100
106 10.0 8.2 12.2
104 5.4 4.6 6.8

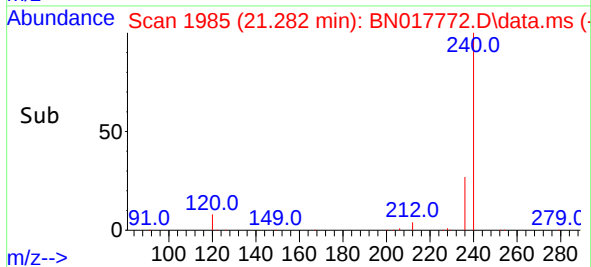
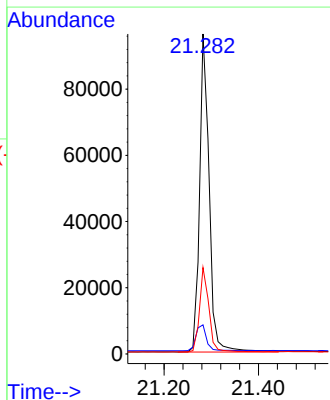
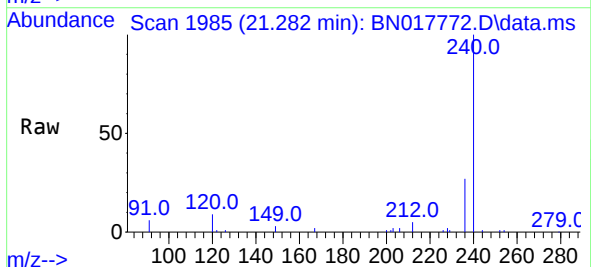
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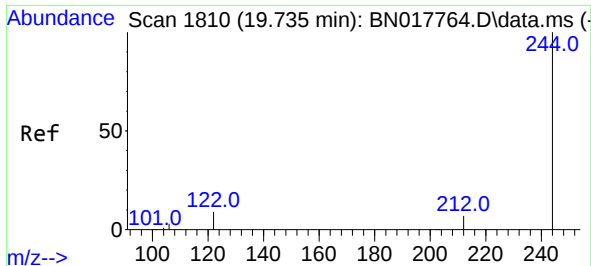
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.282 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion:240 Resp: 135340
Ion Ratio Lower Upper
240 100
120 9.1 7.9 11.9
236 27.0 21.4 32.2





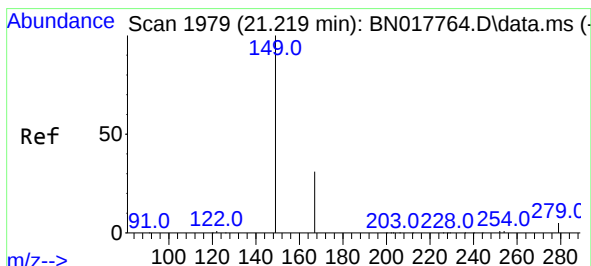
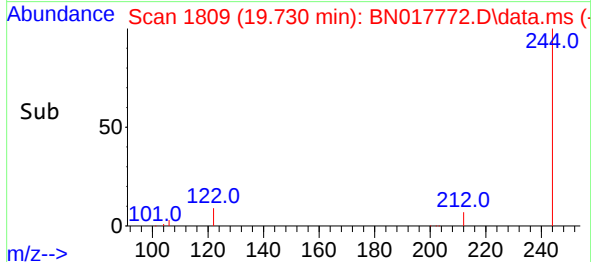
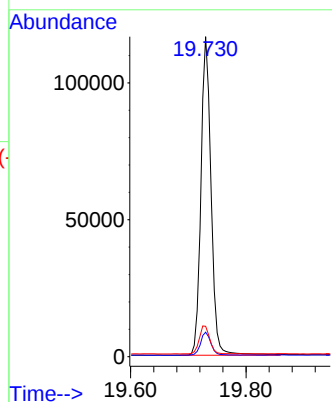
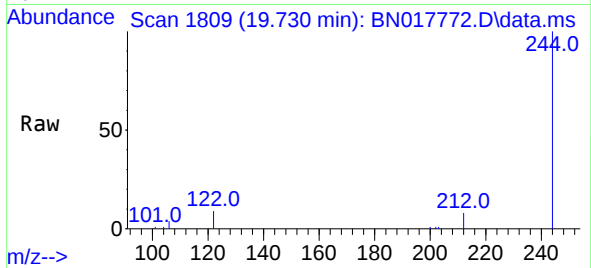
#31
Terphenyl-d14
Concen: 0.49 ng
RT: 19.730 min Scan# 1810
Delta R.T. -0.005 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Instrument :
BNA_N
ClientSampleId :
MW-24

Tgt Ion:244 Resp: 14247
Ion Ratio Lower Upper
244 100
212 7.7 5.8 8.8
122 9.5 7.1 10.7

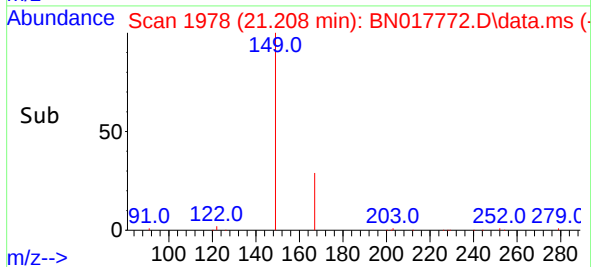
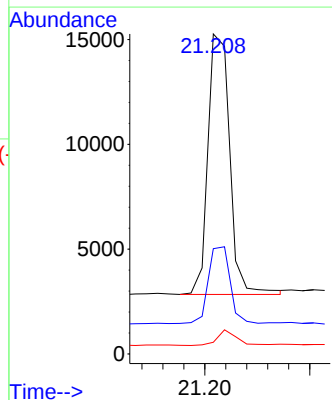
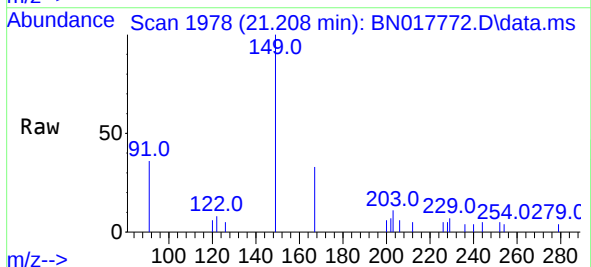
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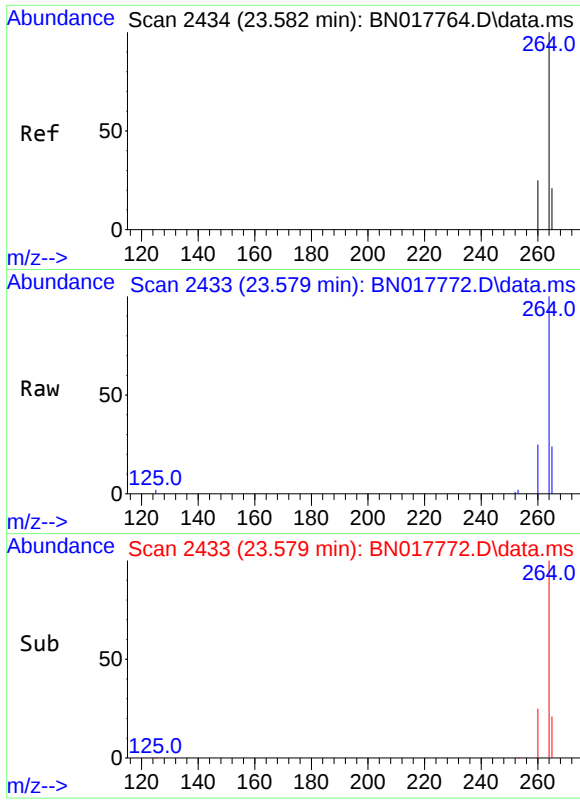
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 21.208 min Scan# 1978
Delta R.T. -0.011 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Tgt Ion:149 Resp: 17943
Ion Ratio Lower Upper
149 100
167 29.4 23.5 35.3
279 5.4 3.8 5.6





#35
Perylene-d12
Concen: 0.40 ng
RT: 23.579 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN017772.D
Acq: 07 Dec 2021 20:37

Instrument :
BNA_N
ClientSampleId :
MW-24

Tgt Ion:264 Resp: 123830
Ion Ratio Lower Upper
264 100
260 25.3 20.0 30.0
265 24.1 20.5 30.7

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

