

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017788.D
 Acq On : 08 Dec 2021 07:21
 Operator : CG/JU
 Sample : M4917-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-28

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 00:03:42 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	20175	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	81635	0.40	ng	# 0.00
13) Acenaphthene-d10	14.347	164	73161	0.40	ng	# 0.00
19) Phenanthrene-d10	17.093	188	121946	0.40	ng	# 0.00
29) Chrysene-d12	21.283	240	121336	0.40	ng	# 0.00
35) Perylene-d12	23.586	264	118537	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	8913	0.18	ng	0.00
5) Phenol-d6	6.913	99	3774	0.08	ng	0.00
8) Nitrobenzene-d5	8.859	82	44321m	0.82	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	40706	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	15098	0.39	ng	-0.01
15) 2-Fluorobiphenyl	12.965	172	70491	0.26	ng	0.00
27) Fluoranthene-d10	19.130	212	121332	0.30	ng	0.00
31) Terphenyl-d14	19.730	244	122508	0.47	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.545	128	75376	0.35	ng	# 83
17) Acenaphthene	14.398	154	22815	0.12	ng	92
18) Fluorene	15.388	166	45576	0.19	ng	# 97
24) Pentachlorophenol	16.752	266	223	0.29	ng	# 80
25) Phenanthrene	17.129	178	50296m	0.16	ng	
34) Bis(2-ethylhexyl)phtha...	21.219	149	16515	0.10	ng	# 96

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

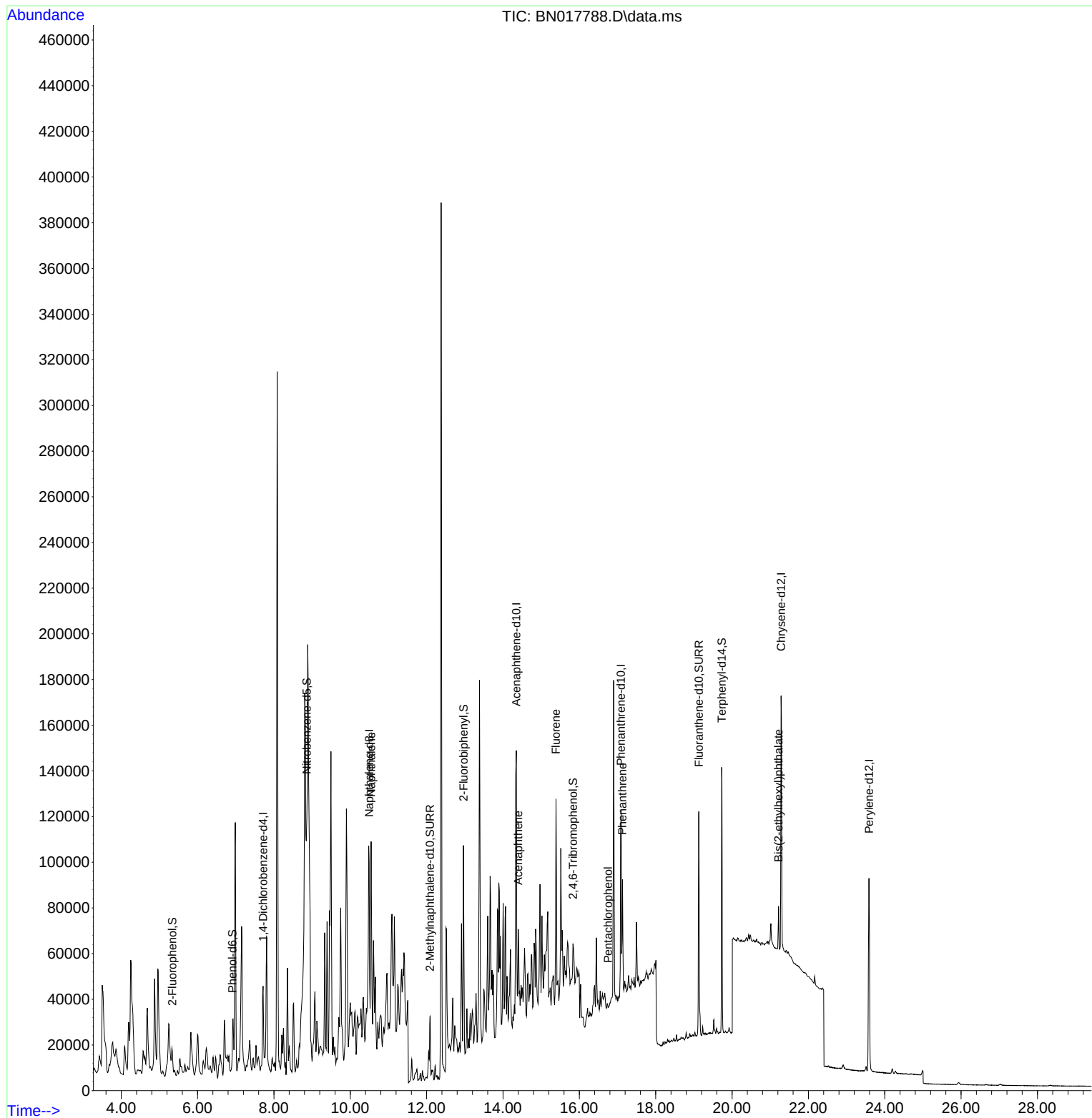
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017788.D
Acq On : 08 Dec 2021 07:21
Operator : CG/JU
Sample : M4917-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

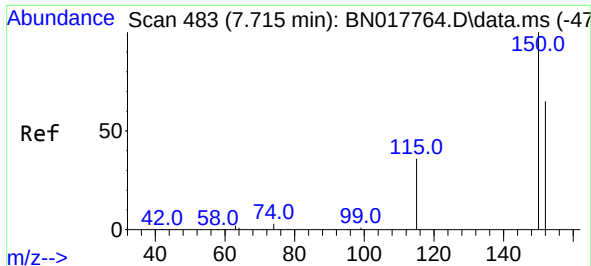
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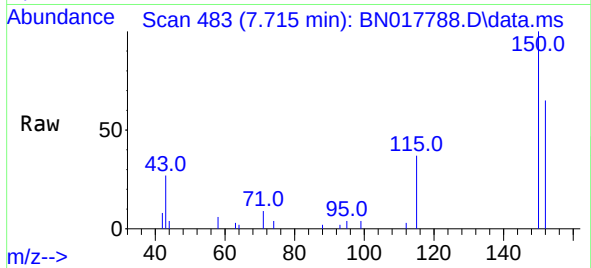
Quant Time: Dec 09 00:03:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.715 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

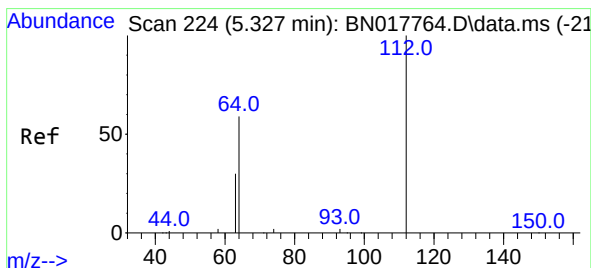
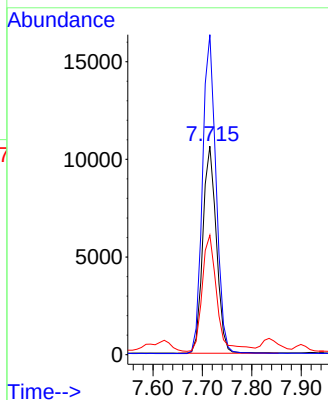
Instrument :
BNA_N
ClientSampleId :
MW-28



Tgt Ion:152 Resp: 2017
Ion Ratio Lower Upper
152 100
150 153.5 123.0 184.4
115 57.3 45.3 67.9

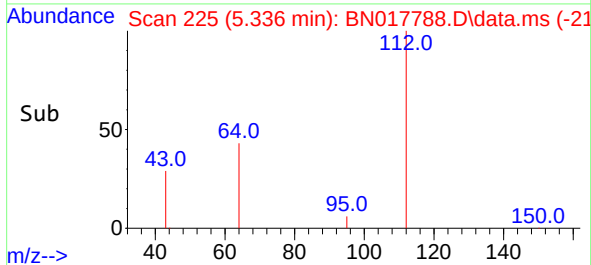
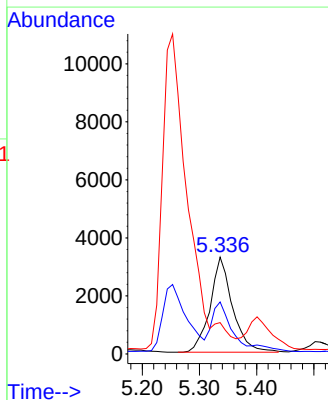
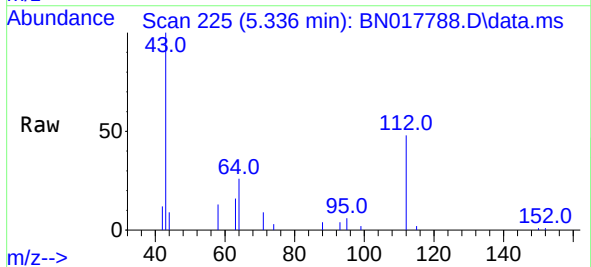
Manual Integrations
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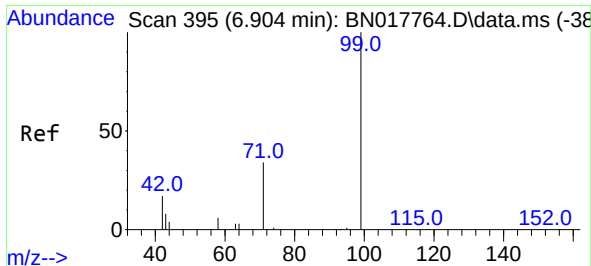
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

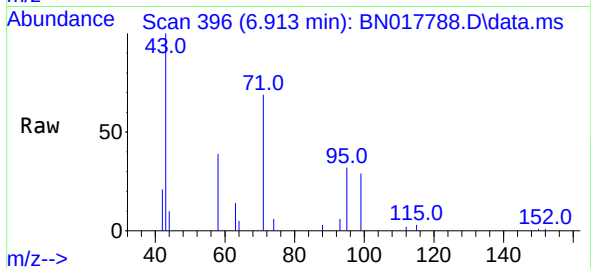
Tgt Ion:112 Resp: 8913
Ion Ratio Lower Upper
112 100
64 33.8 49.3 73.9#
63 0.0 25.8 38.8#





#5
Phenol-d6
Concen: 0.08 ng
RT: 6.913 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

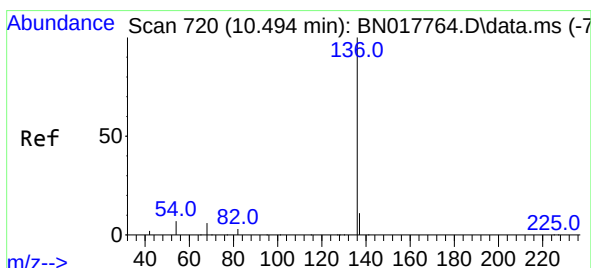
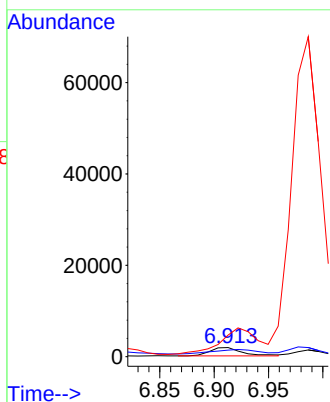
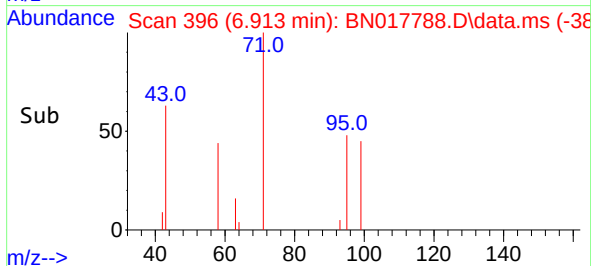
Instrument :
BNA_N
ClientSampleId :
MW-28



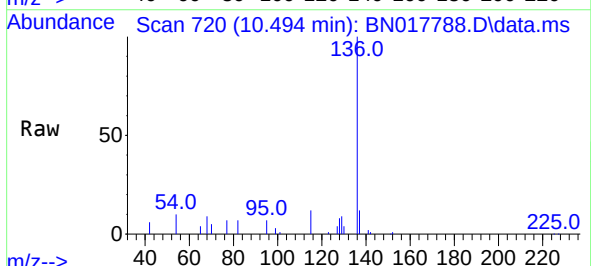
Tgt Ion: 99 Resp: 3774
Ion Ratio Lower Upper
99 100
42 72.0 16.6 25.0#
71 368.8 29.0 43.4#

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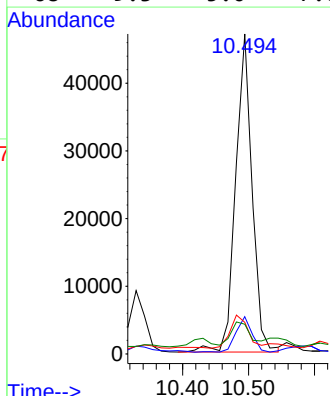
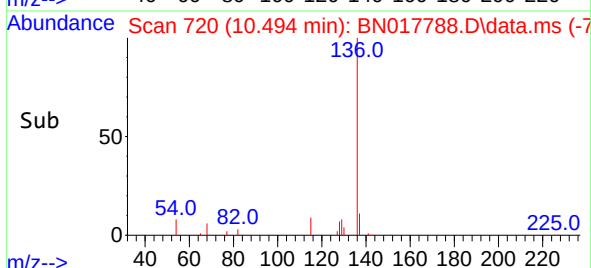
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

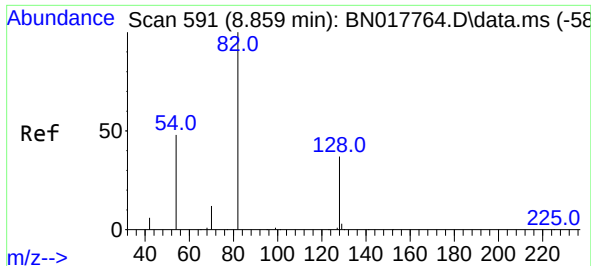


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.494 min Scan# 720
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21



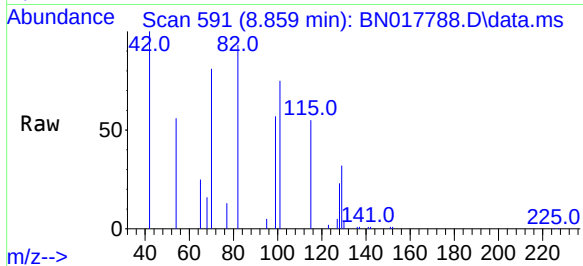
Tgt Ion:136 Resp: 81635
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 9.9 5.9 8.9#
68 9.3 5.0 7.6#





#8
Nitrobenzene-d5
Concen: 0.82 ng m
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

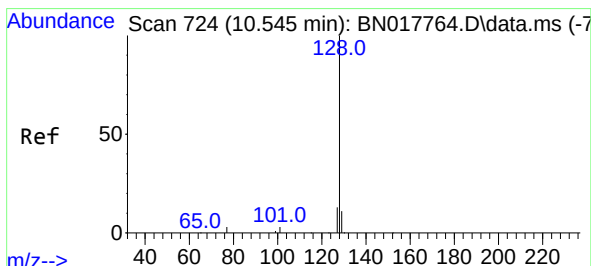
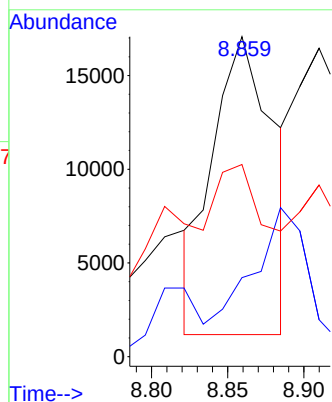
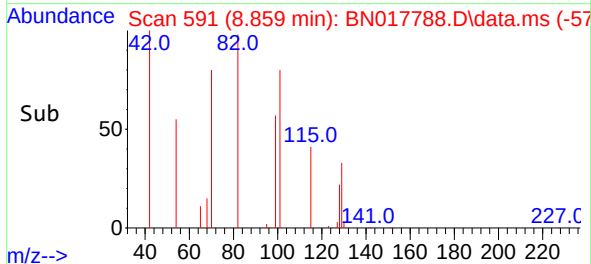
Instrument :
BNA_N
ClientSampleId :
MW-28



Tgt Ion: 82 Resp: 4432
Ion Ratio Lower Upper
82 100
128 24.7 30.2 45.2#
54 60.1 39.0 58.6#

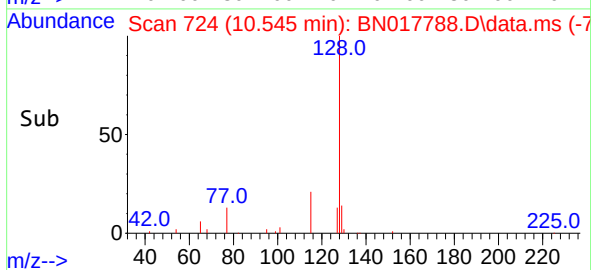
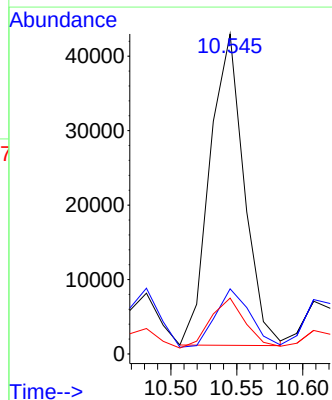
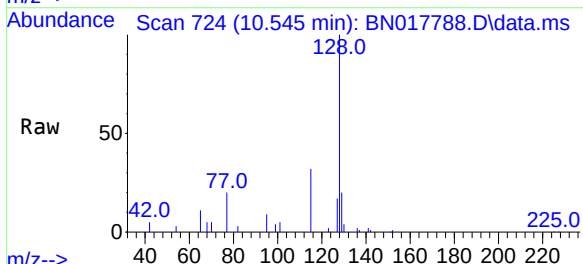
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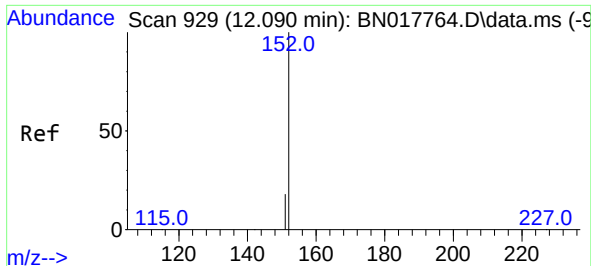
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Supervised By :mohammad ahmed 12/15/2021



#9
Naphthalene
Concen: 0.35 ng
RT: 10.545 min Scan# 724
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

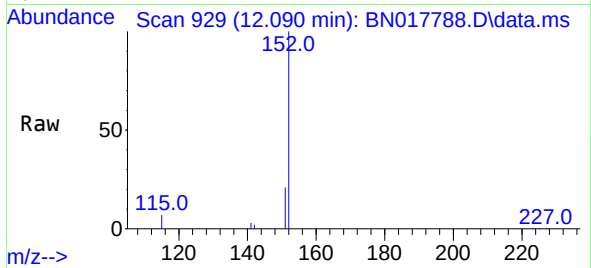
Tgt Ion:128 Resp: 75376
Ion Ratio Lower Upper
128 100
129 20.3 8.8 13.2#
127 17.4 10.6 15.8#





#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.090 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

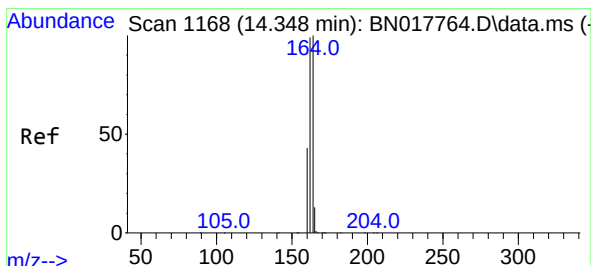
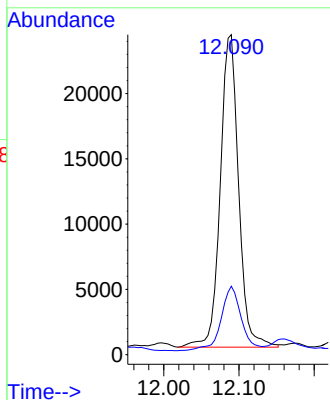
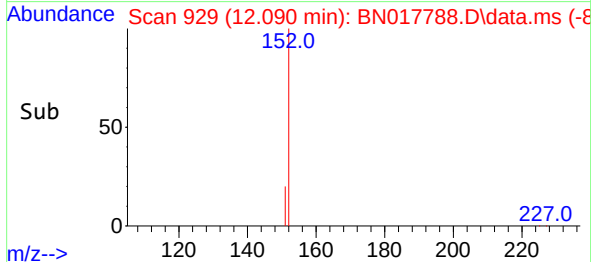
Instrument :
BNA_N
ClientSampleId :
MW-28



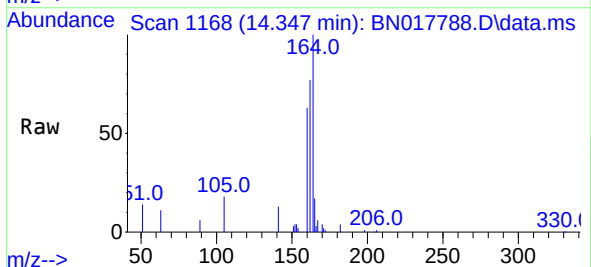
Tgt Ion:152 Resp: 40700
Ion Ratio Lower Upper
152 100
151 22.7 16.4 24.6

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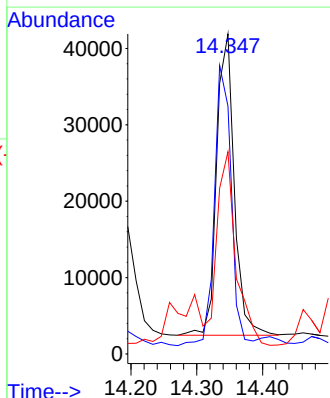
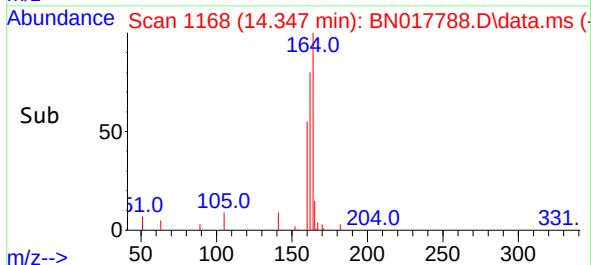
Reviewed By :Jagrut Upadhyay 12/09/2021
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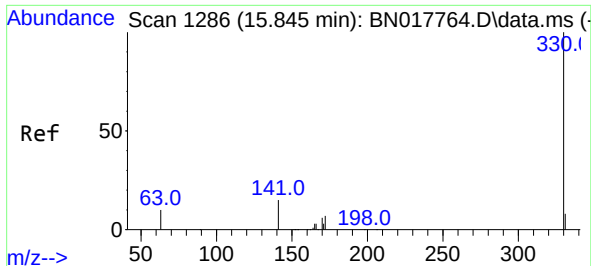


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.347 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21



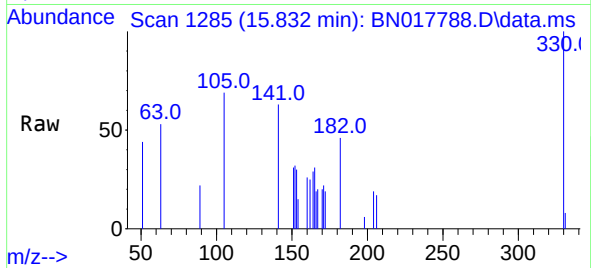
Tgt Ion:164 Resp: 73161
Ion Ratio Lower Upper
164 100
162 77.5 79.0 118.6#
160 63.2 34.6 52.0#





#14
2,4,6-Tribromophenol
Concen: 0.39 ng
RT: 15.832 min Scan# 1285
Delta R.T. -0.013 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

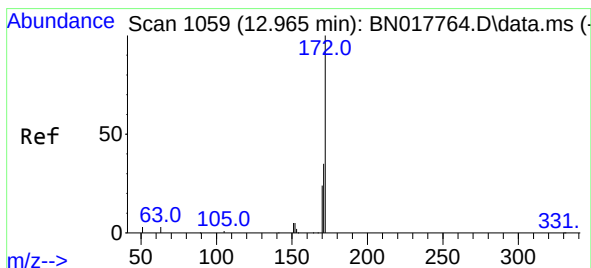
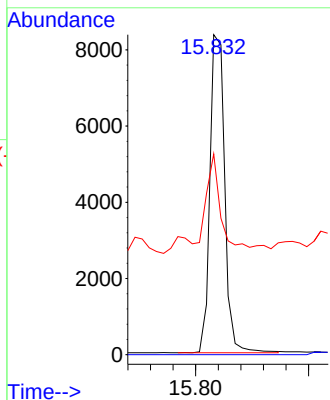
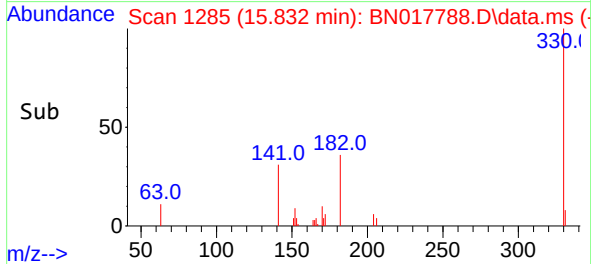
Instrument :
BNA_N
ClientSampleId :
MW-28



Tgt Ion:330 Resp: 15098
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 23.8 21.5 32.3

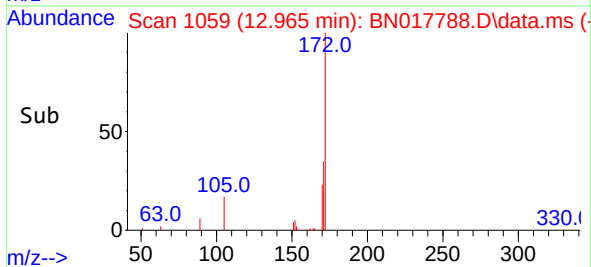
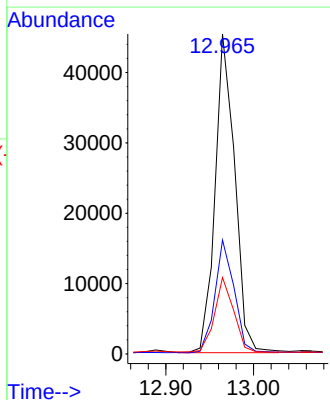
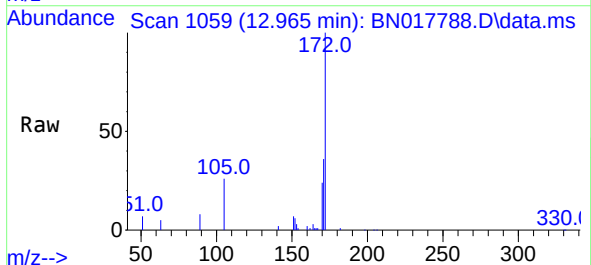
Manual Integrations
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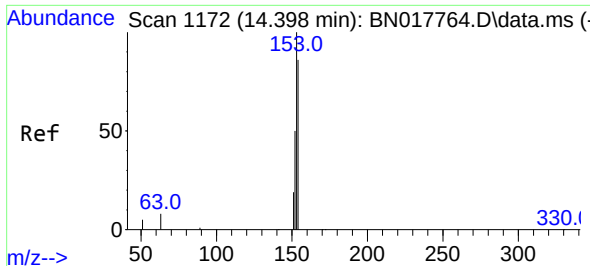
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#15
2-Fluorobiphenyl
Concen: 0.26 ng
RT: 12.965 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

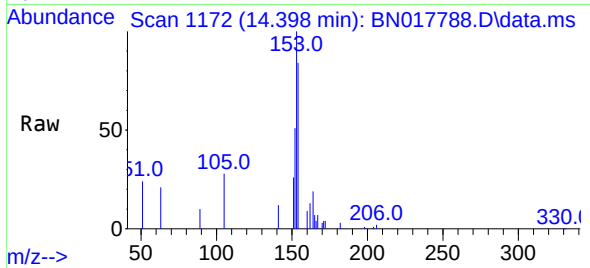
Tgt Ion:172 Resp: 70491
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.9 18.9 28.3





#17
Acenaphthene
Concen: 0.12 ng
RT: 14.398 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

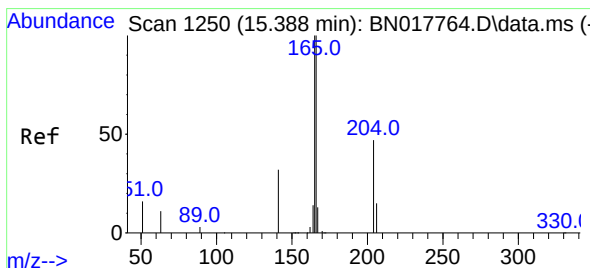
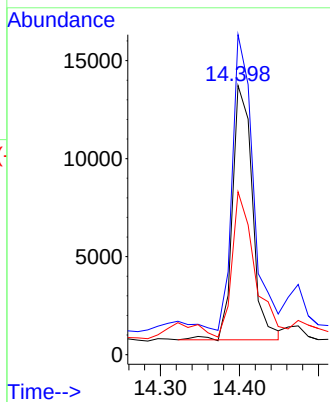
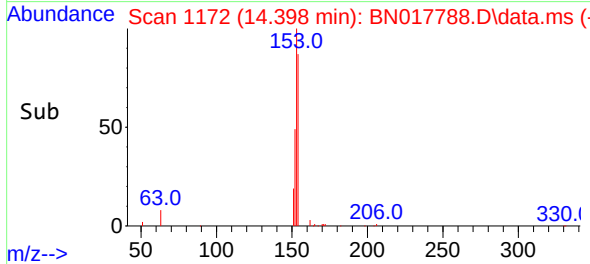
Instrument :
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Tgt Ion:154 Resp: 22815
Ion Ratio Lower Upper
154 100
153 117.9 90.1 135.1
152 65.5 43.7 65.5

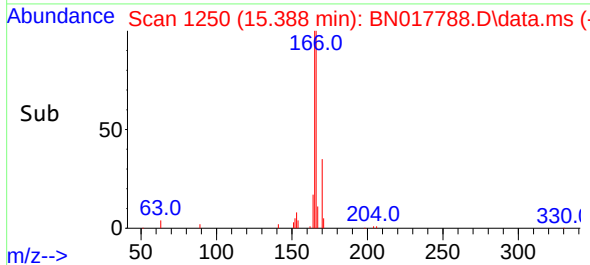
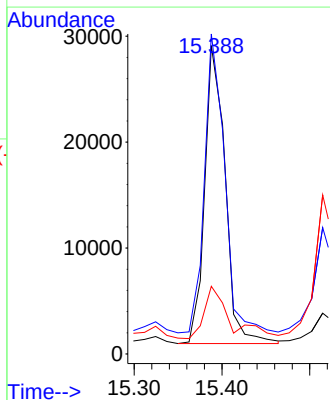
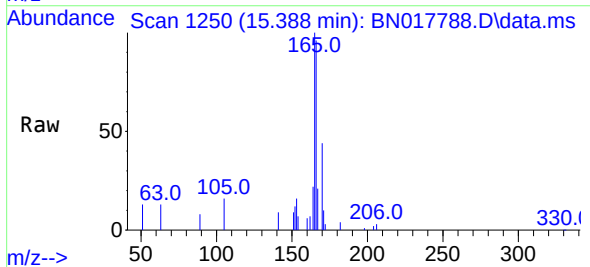
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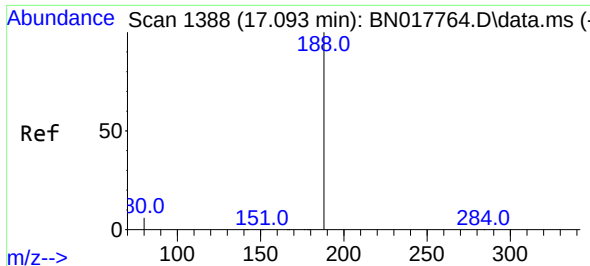
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021



#18
Fluorene
Concen: 0.19 ng
RT: 15.388 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

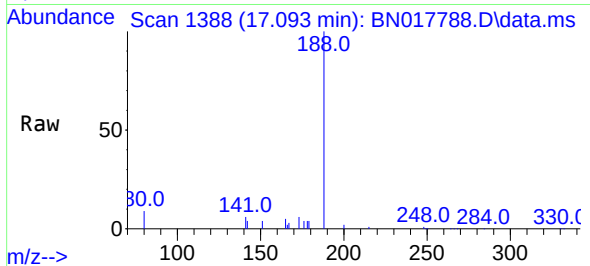
Tgt Ion:166 Resp: 45576
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 22.3 11.0 16.4





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.093 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

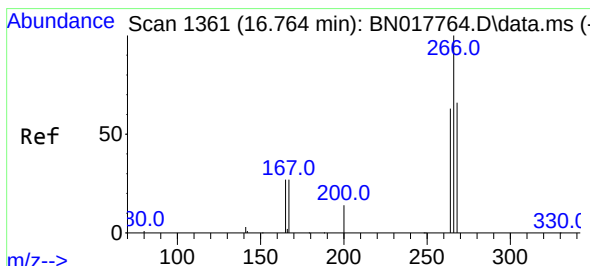
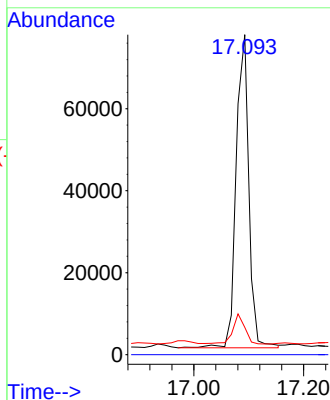
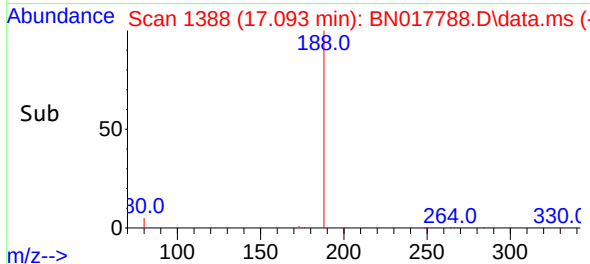
Instrument :
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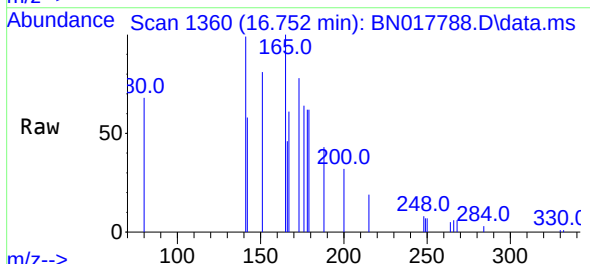
Tgt Ion:188 Resp: 121940
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.6 5.1 7.7

Manual Integrations
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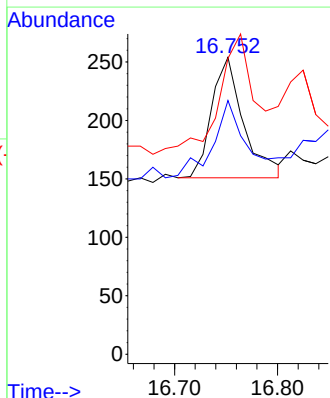
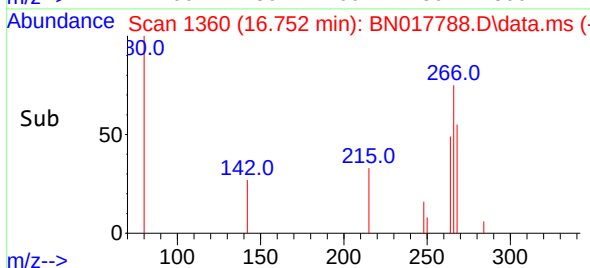
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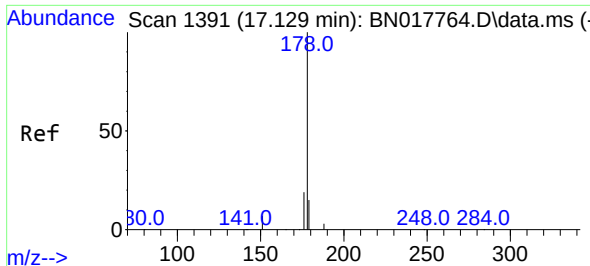


#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21



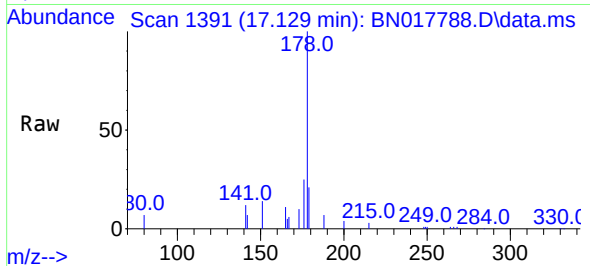
Tgt Ion:266 Resp: 223
Ion Ratio Lower Upper
266 100
264 65.0 50.8 76.2
268 95.1 51.8 77.6





#25
Phenanthrene
Concen: 0.16 ng m
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

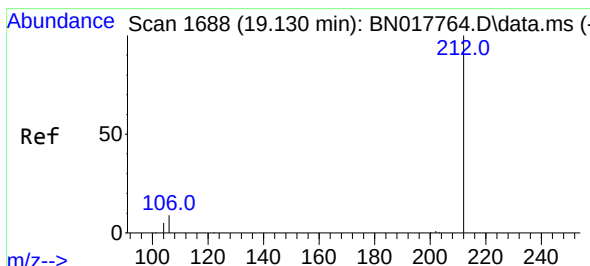
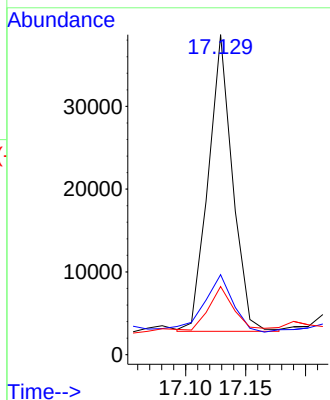
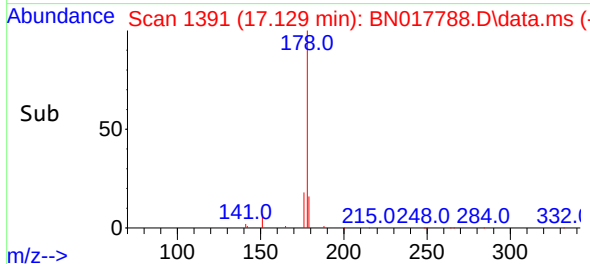
Instrument :
BNA_N
ClientSampleId :
MW-28



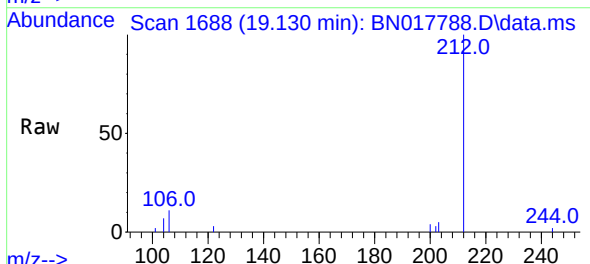
Tgt Ion:178 Resp: 50290
Ion Ratio Lower Upper
178 100
176 24.1 15.0 22.6
179 20.8 12.5 18.7

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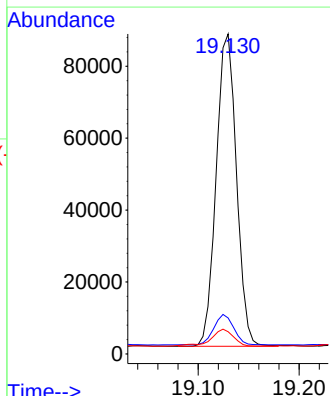
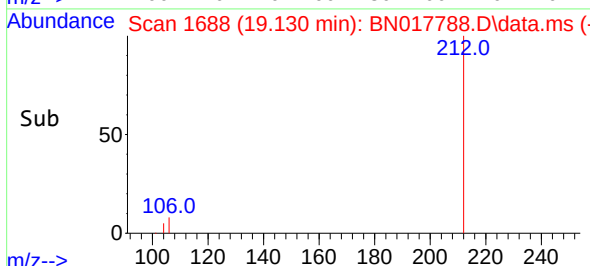
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

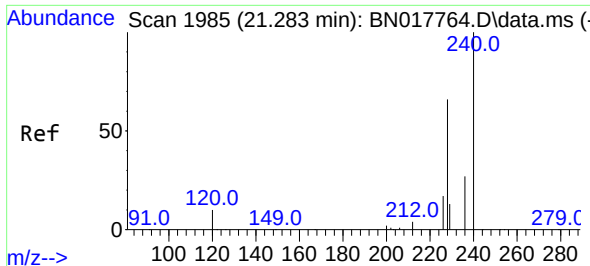


#27
Fluoranthene-d10
Concen: 0.30 ng
RT: 19.130 min Scan# 1688
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21



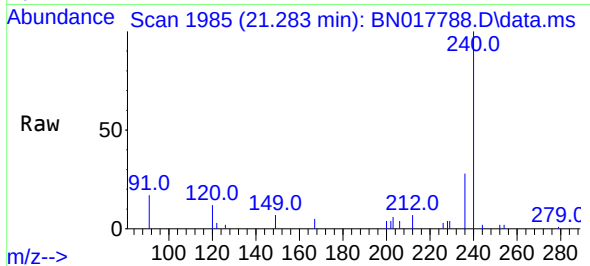
Tgt Ion:212 Resp: 121332
Ion Ratio Lower Upper
212 100
106 9.9 8.2 12.2
104 6.1 4.6 6.8





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.283 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

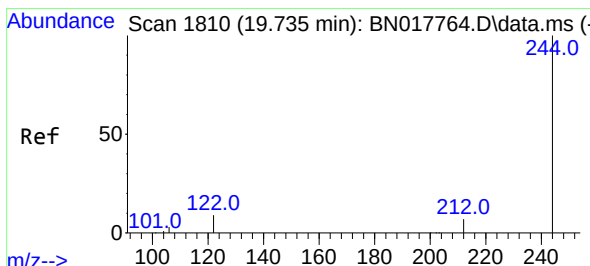
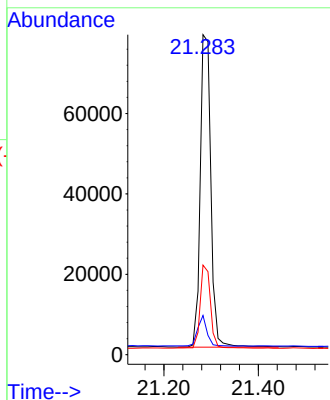
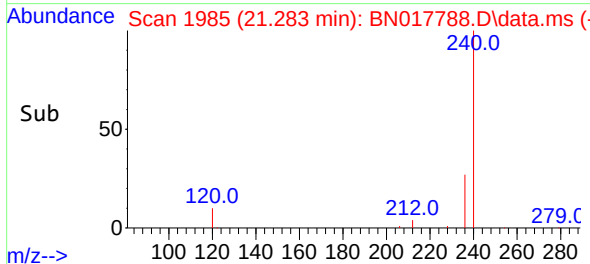
Instrument :
BNA_N
ClientSampleId :
MW-28



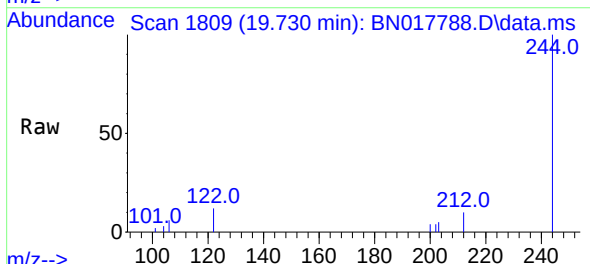
Tgt Ion:240 Resp: 121330
Ion Ratio Lower Upper
240 100
120 12.2 7.9 11.9#
236 28.0 21.4 32.2

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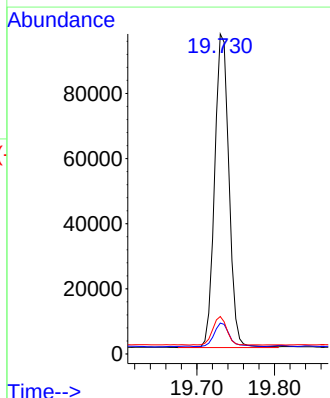
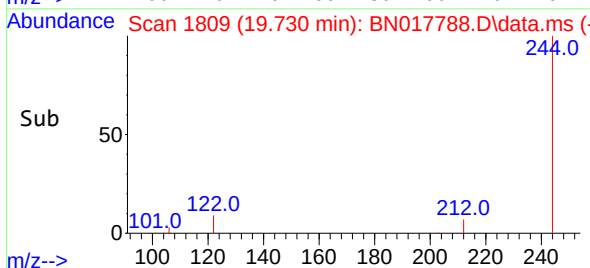
Reviewed By :Jagrut Upadhyay 12/09/2021
Supervised By :mohammad ahmed 12/15/2021

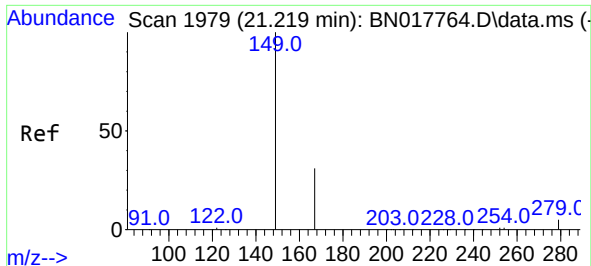


#31
Terphenyl-d14
Concen: 0.47 ng
RT: 19.730 min Scan# 1809
Delta R.T. -0.005 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21



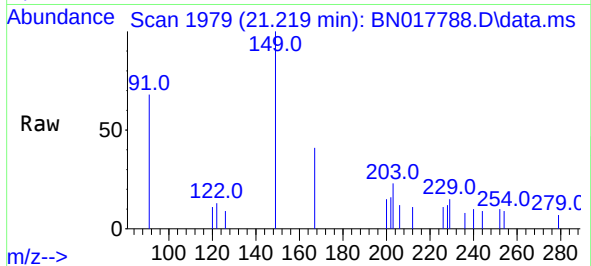
Tgt Ion:244 Resp: 122508
Ion Ratio Lower Upper
244 100
212 9.7 5.8 8.8#
122 11.7 7.1 10.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

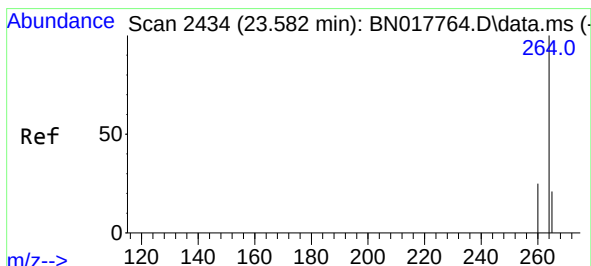
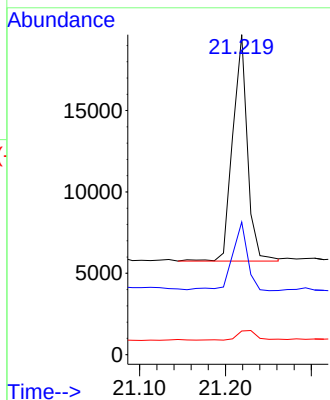
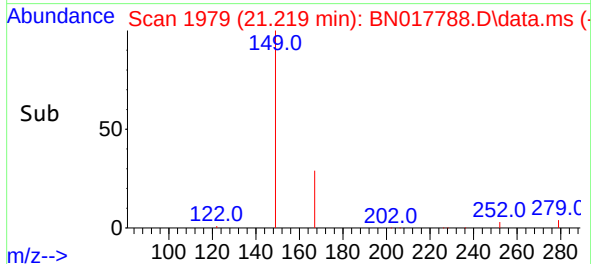
Instrument :
BNA_N
ClientSampleId :
MW-28



Tgt Ion:149 Resp: 1651
Ion Ratio Lower Upper
149 100
167 31.3 23.5 35.3
279 5.8 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: 0.40 ng
RT: 23.586 min Scan# 2435
Delta R.T. 0.003 min
Lab File: BN017788.D
Acq: 08 Dec 2021 07:21

Tgt Ion:264 Resp: 118537
Ion Ratio Lower Upper
264 100
260 25.5 20.0 30.0
265 25.8 20.5 30.7

