

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120221\
 Data File : BN017688.D
 Acq On : 02 Dec 2021 18:50
 Operator : CG/JU
 Sample : M4853-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWBR3D-BA-472-493-112921

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 03 02:25:15 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 02 01:51:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.727	152	17781	0.400	ng	0.00
7) Naphthalene-d8	10.510	136	72331	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	49222	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	97871	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	115063	0.400	ng	# 0.01
35) Perylene-d12	23.596	264	120255	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.339	112	7454	0.185	ng	0.00
5) Phenol-d6	6.906	99	5062	0.119	ng	0.00
8) Nitrobenzene-d5	8.862	82	19021m	0.619	ng	-0.01
11) 2-Methylnaphthalene-d10	12.098	152	44926	0.356	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	14276	0.587	ng	0.00
15) 2-Fluorobiphenyl	12.976	172	73133	0.382	ng	-0.01
27) Fluoranthene-d10	19.134	212	126997	0.415	ng	0.00
31) Terphenyl-d14	19.740	244	106317	0.421	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.292	88	46084m	3.857	ng	
9) Naphthalene	10.548	128	4699	0.026	ng	# 83
12) 2-Methylnaphthalene	12.169	142	2647	0.022	ng	# 69
24) Pentachlorophenol	16.751	266	1039	0.220	ng	88
25) Phenanthrene	17.141	178	17014	0.063	ng	99
28) Fluoranthene	19.164	202	18793	0.062	ng	# 87
30) Pyrene	19.526	202	12461	0.034	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.218	149	37606	0.454	ng	# 89
37) Benzo(b)fluoranthene	22.901	252	9109	0.023	ng	# 28

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

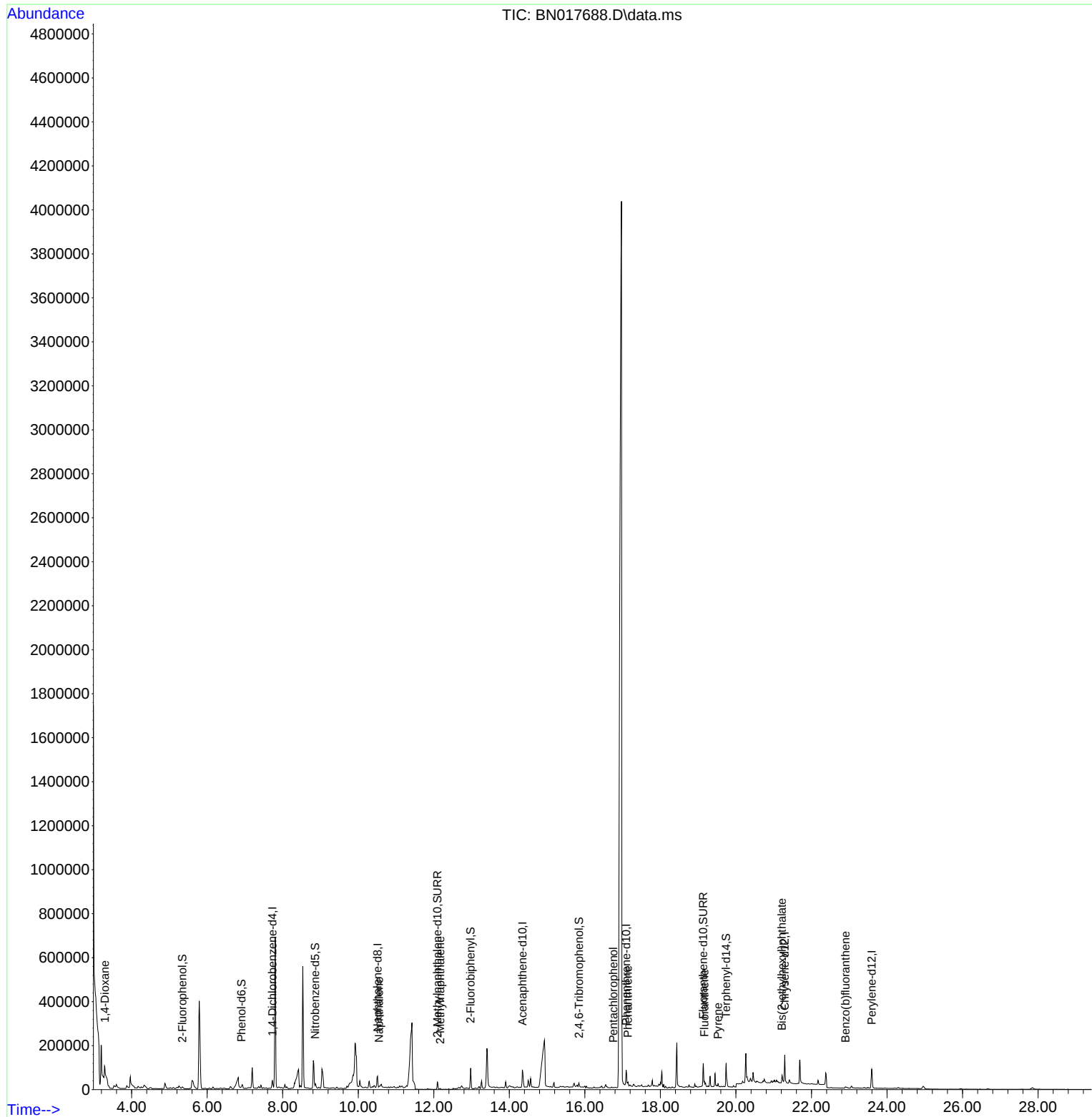
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120221\
Data File : BN017688.D
Acq On : 02 Dec 2021 18:50
Operator : CG/JU
Sample : M4853-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

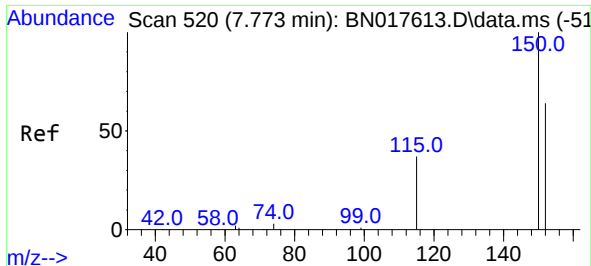
Instrument :
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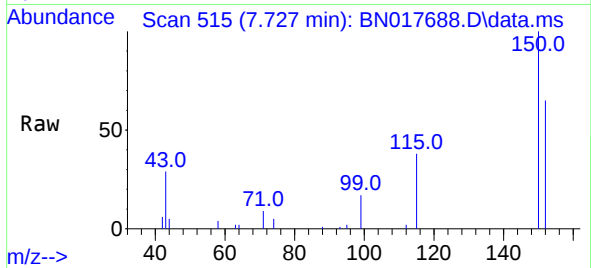
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.727 min Scan# 51
Delta R.T. -0.009 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

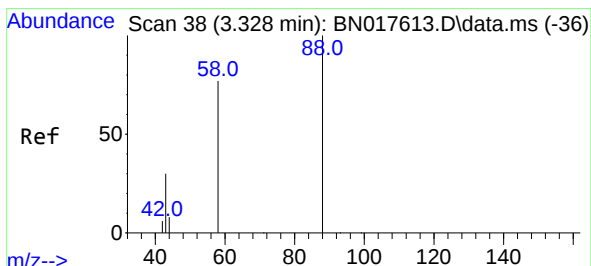
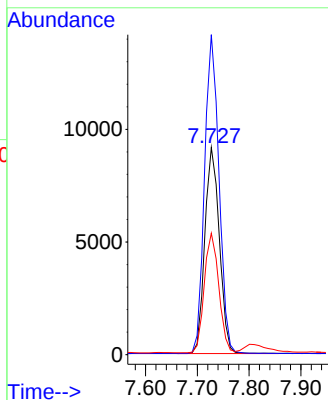
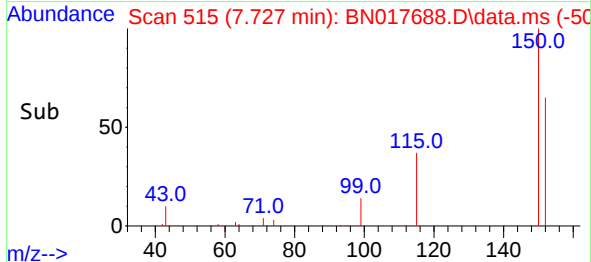
Instrument :
BNA_N
ClientSampleId :
GWBR3D-BA-472-493-112921



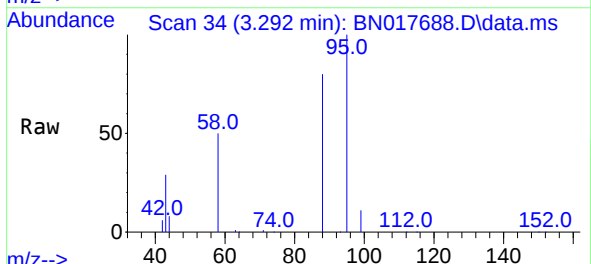
Tgt Ion: 152 Resp: 1778
Ion Ratio Lower Upper
152 100
150 154.4 123.0 184.4
115 58.6 45.6 68.4

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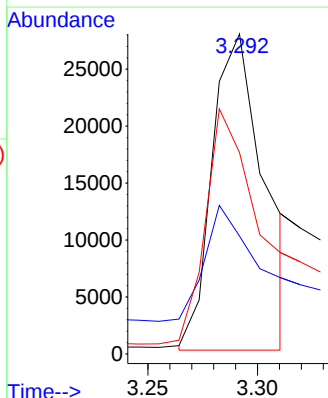
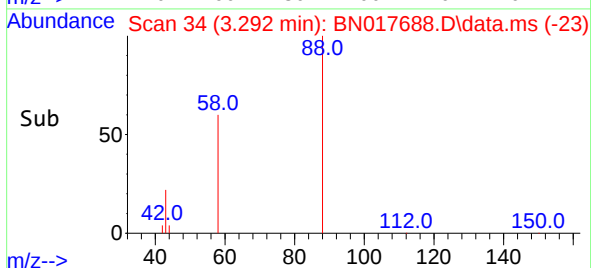
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021

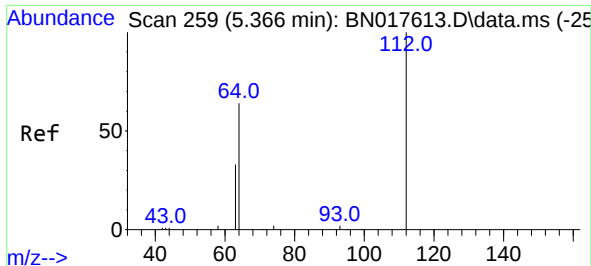


#2
1,4-Dioxane
Concen: 3.857 ng m
RT: 3.292 min Scan# 34
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50



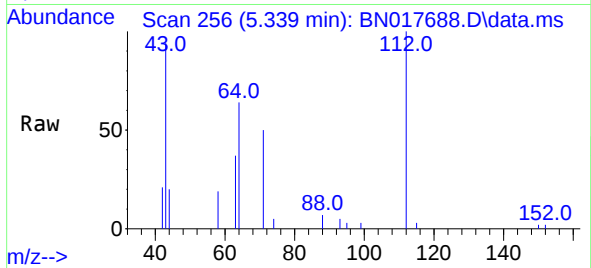
Tgt Ion: 88 Resp: 46084
Ion Ratio Lower Upper
88 100
43 39.8 24.7 37.1#
58 82.8 63.0 94.6





#4
2-Fluorophenol
Concen: 0.185 ng
RT: 5.339 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

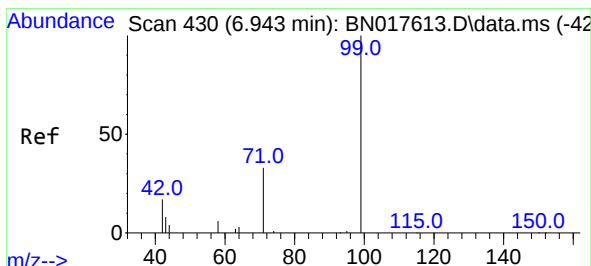
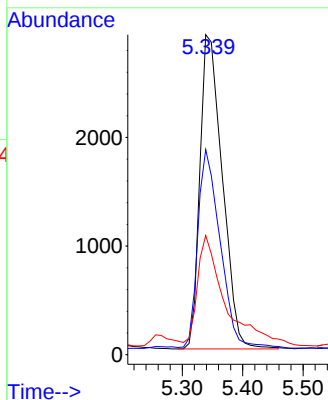
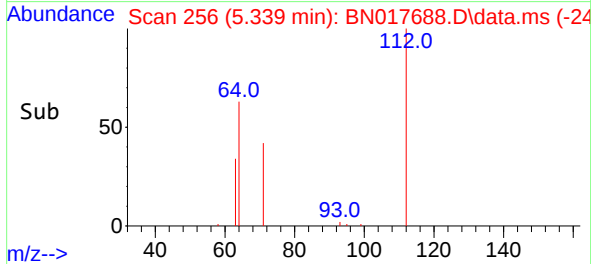
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Tgt Ion:112 Resp: 7454
Ion Ratio Lower Upper
112 100
64 62.2 47.6 71.4
63 39.1 24.6 37.0

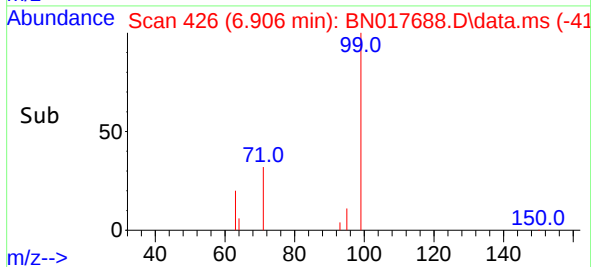
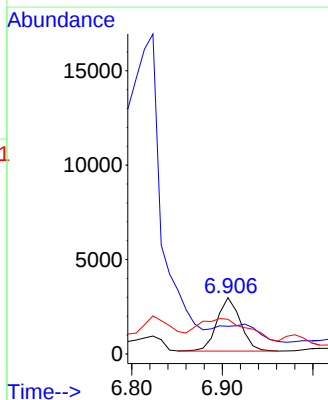
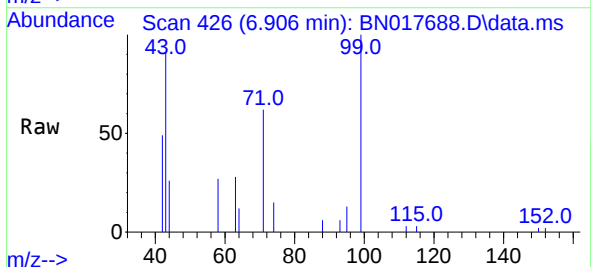
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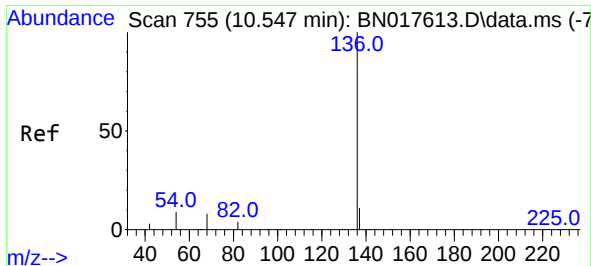
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



#5
Phenol-d6
Concen: 0.119 ng
RT: 6.906 min Scan# 426
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Tgt Ion: 99 Resp: 5062
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 85.4 24.8 37.2#





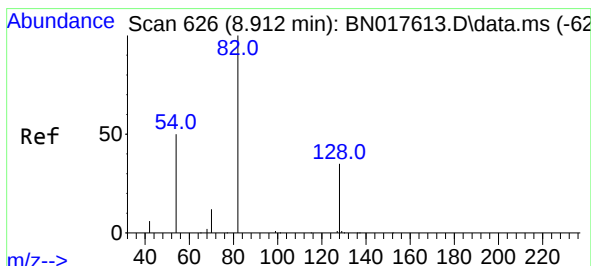
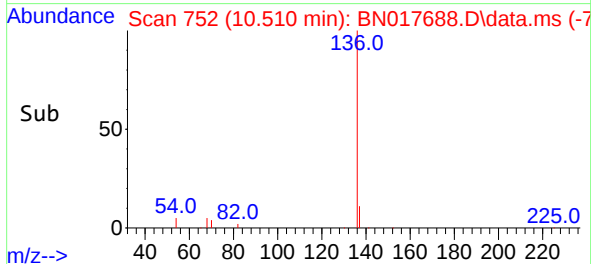
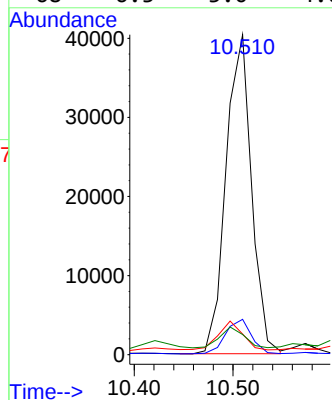
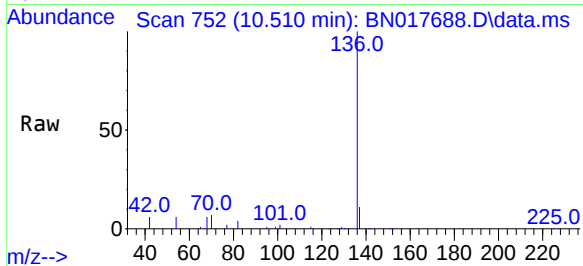
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Instrument :
BNA_N
ClientSampleId :
GWBR3D-BA-472-493-112921

Tgt Ion: 136 Resp: 7233
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 4.0 6.0
68 6.3 3.0 4.6

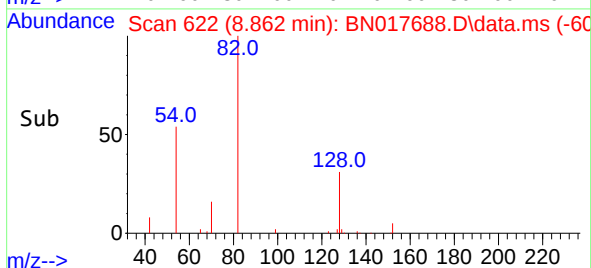
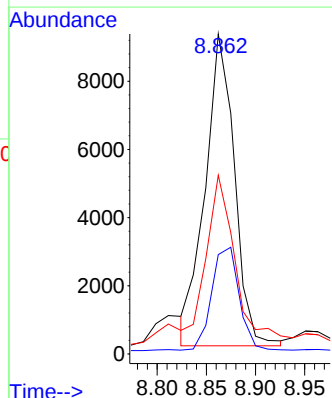
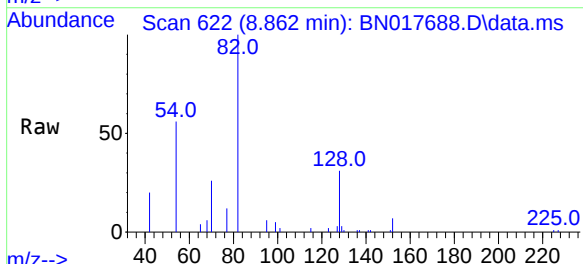
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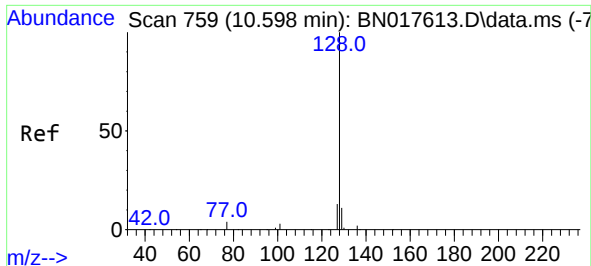
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



#8
Nitrobenzene-d5
Concen: 0.619 ng m
RT: 8.862 min Scan# 622
Delta R.T. -0.012 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

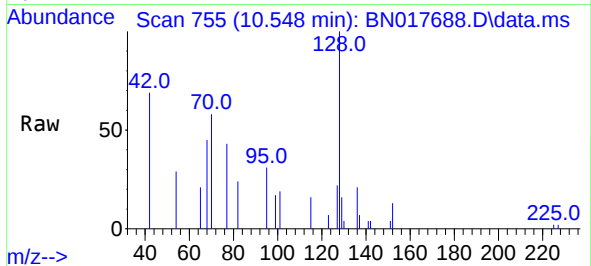
Tgt Ion: 82 Resp: 19021
Ion Ratio Lower Upper
82 100
128 31.1 27.7 41.5
54 55.9 49.2 73.8





#9
Naphthalene
Concen: 0.026 ng
RT: 10.548 min Scan# 71
Delta R.T. -0.012 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

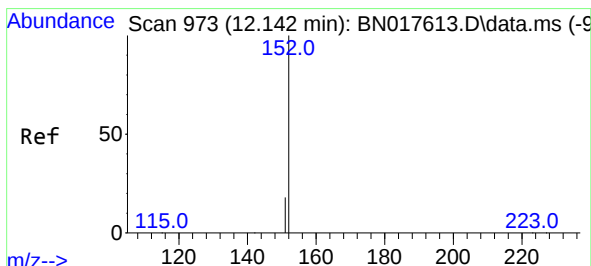
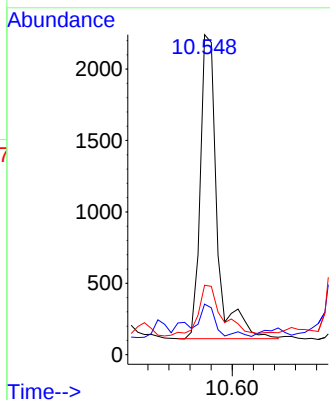
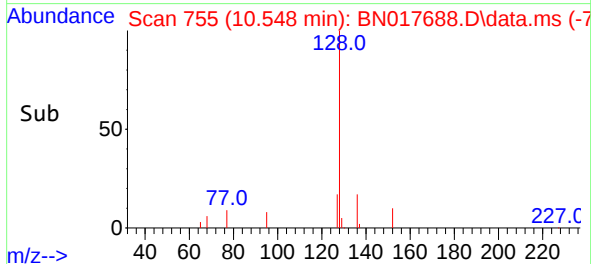
Instrument :
BNA_N
ClientSampleId :
GWBR3D-BA-472-493-112921



Tgt Ion:128 Resp: 4699
Ion Ratio Lower Upper
128 100
129 15.8 8.8 13.2
127 21.7 10.6 15.8

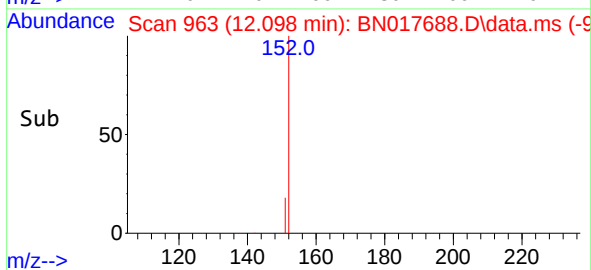
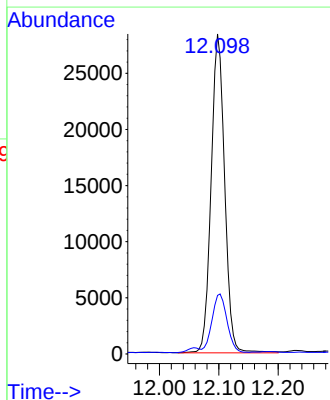
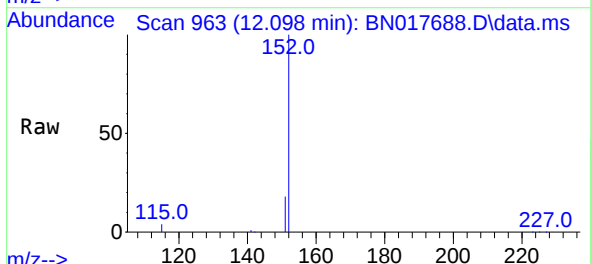
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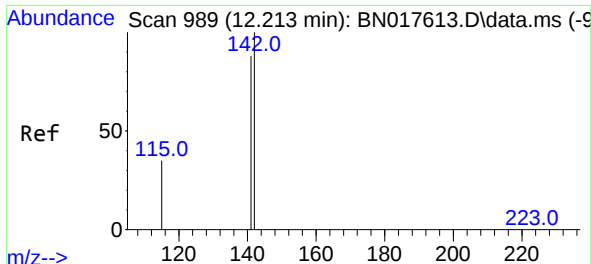
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.098 min Scan# 963
Delta R.T. -0.009 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

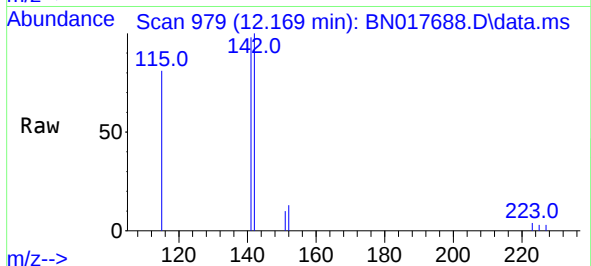
Tgt Ion:152 Resp: 44926
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4





#12
2-Methylnaphthalene
Concen: 0.022 ng
RT: 12.169 min Scan# 91
Delta R.T. -0.013 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

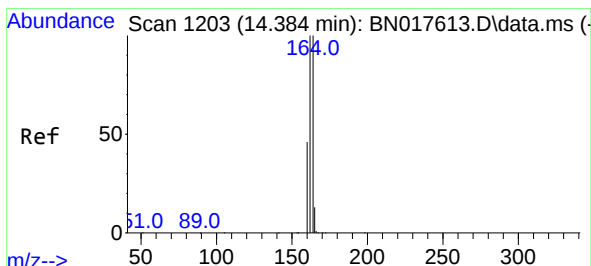
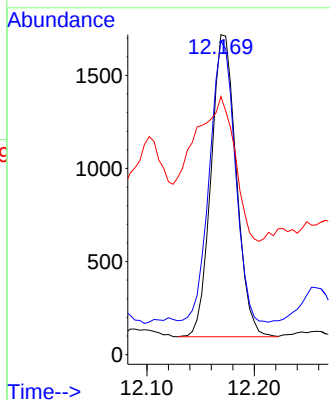
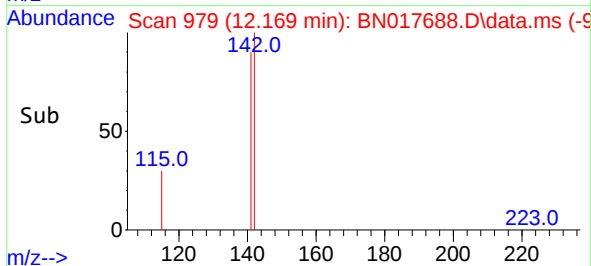
Instrument :
BNA_N
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GWBR3D-BA-472-493-112921



Tgt Ion:142 Resp: 264
Ion Ratio Lower Upper
142 100
141 98.0 70.6 106.0
115 80.6 25.8 38.6

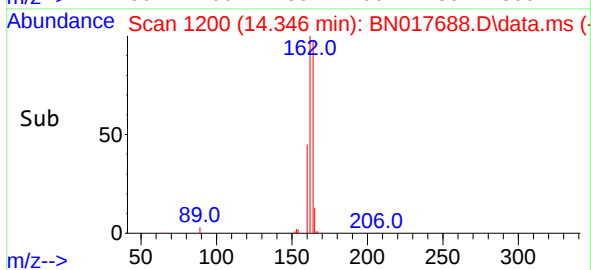
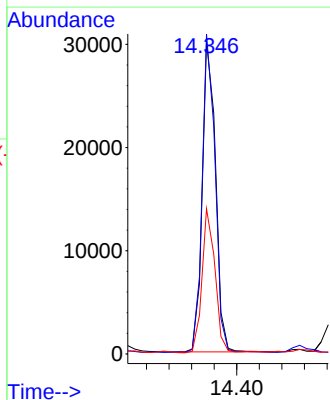
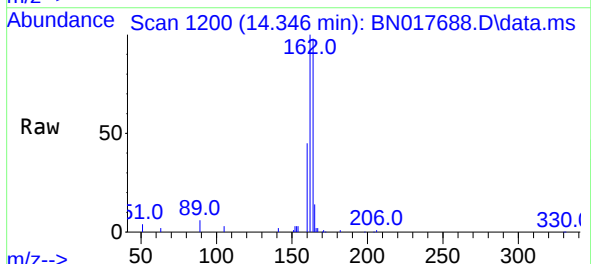
Manual Integrations
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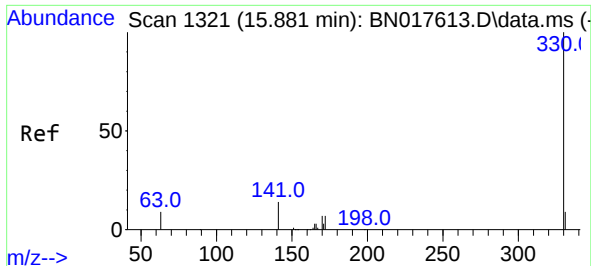
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.346 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

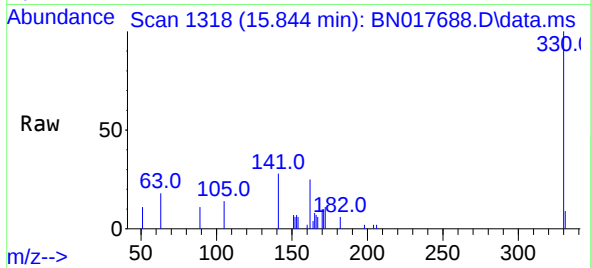
Tgt Ion:164 Resp: 49222
Ion Ratio Lower Upper
164 100
162 102.5 81.4 122.2
160 46.5 36.8 55.2





#14
2,4,6-Tribromophenol
Concen: 0.587 ng
RT: 15.844 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

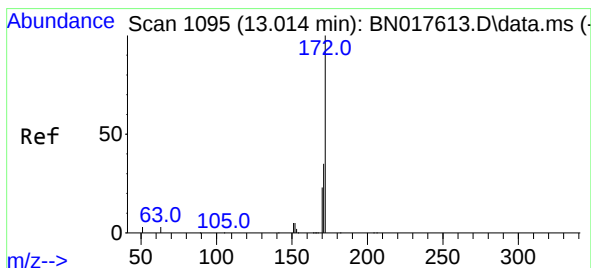
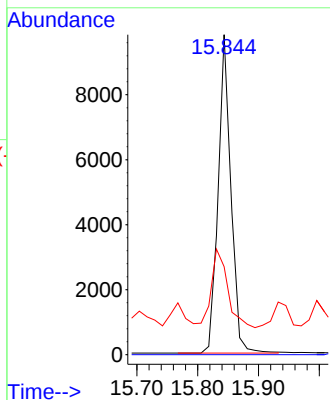
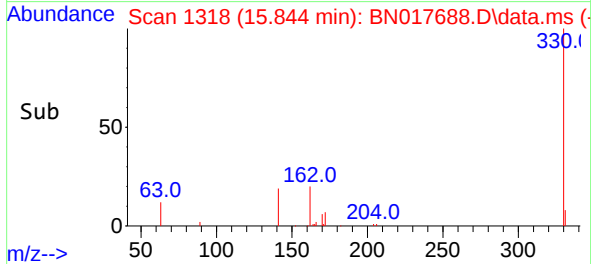
Instrument :
BNA_N
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GWBR3D-BA-472-493-112921



Tgt Ion:330 Resp: 14270
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.8 28.9 43.3

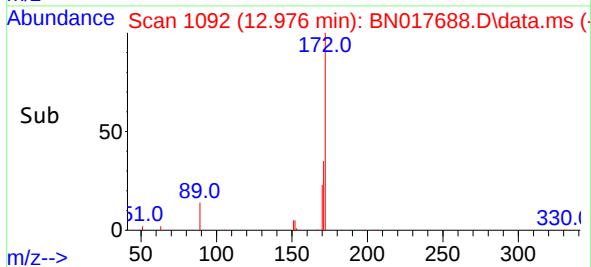
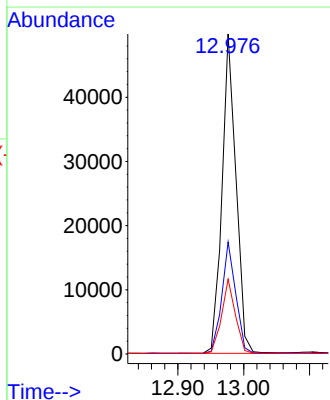
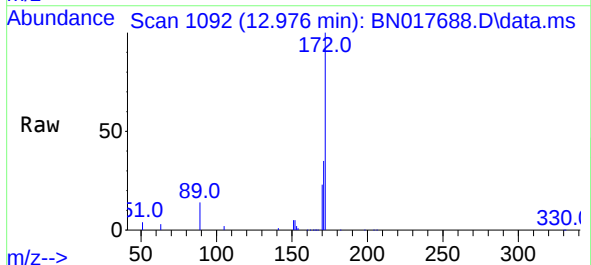
Manual Integrations
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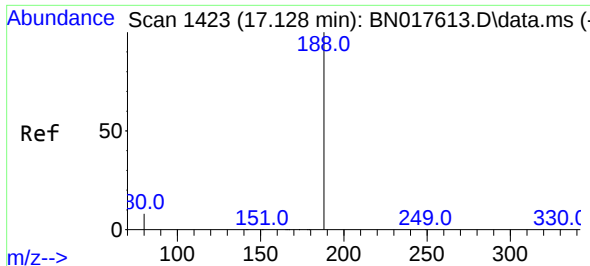
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 12.976 min Scan# 1092
Delta R.T. -0.012 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Tgt Ion:172 Resp: 73133
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 23.4 19.4 29.2





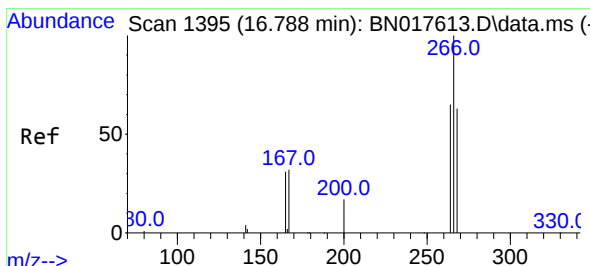
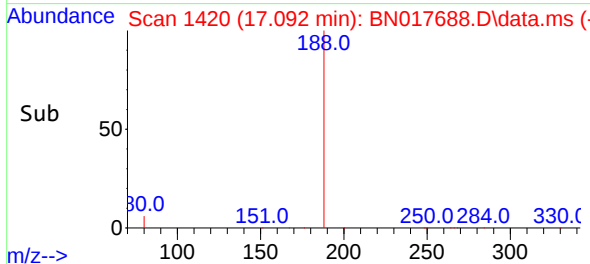
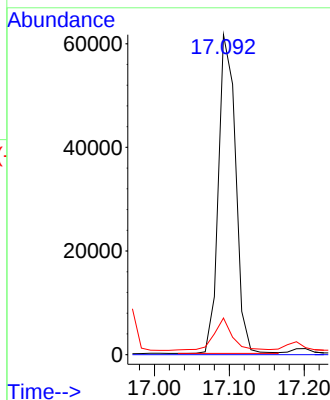
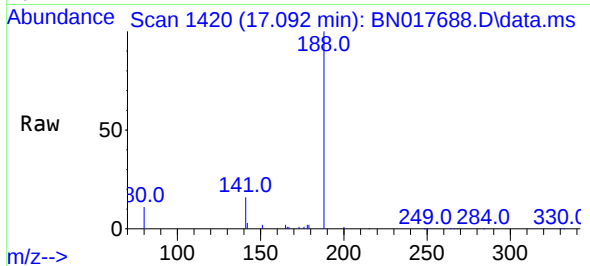
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Instrument :
BNA_N
ClientSampleId :
GWBR3D-BA-472-493-112921

Tgt Ion:188 Resp: 9787
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 6.1 9.1

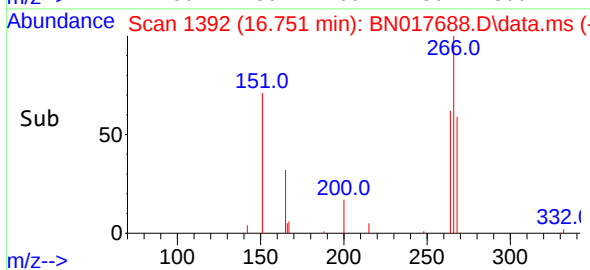
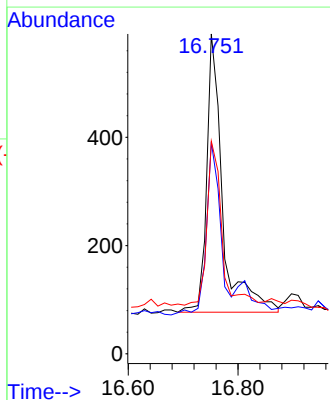
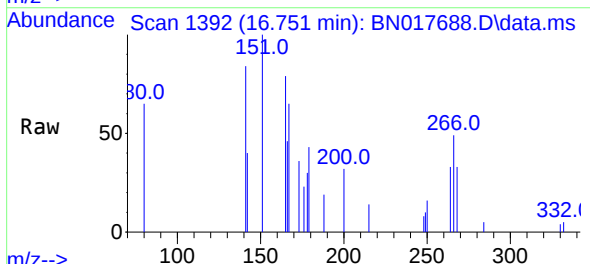
Manual Integrations
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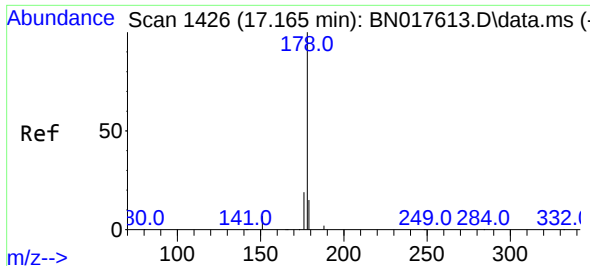
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



#24
Pentachlorophenol
Concen: 0.220 ng
RT: 16.751 min Scan# 1392
Delta R.T. -0.012 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

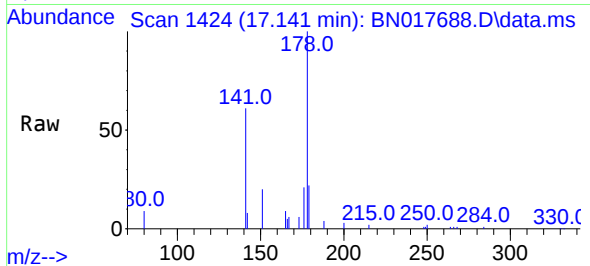
Tgt Ion:266 Resp: 1039
Ion Ratio Lower Upper
266 100
264 53.5 49.8 74.8
268 53.8 51.3 76.9





#25
Phenanthrene
Concen: 0.063 ng
RT: 17.141 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

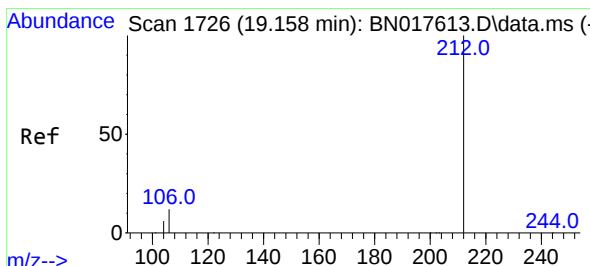
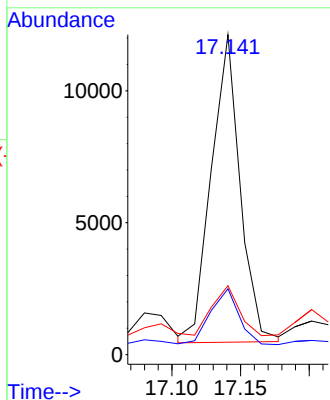
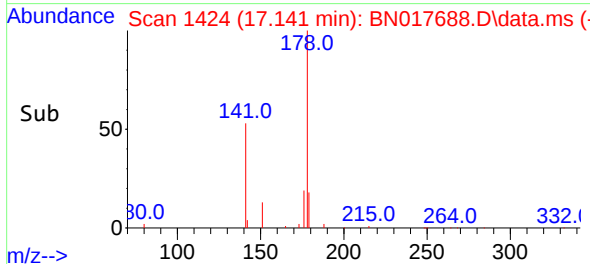
Instrument :
BNA_N
ClientSampleId :
GWR3D-BA-472-493-112921



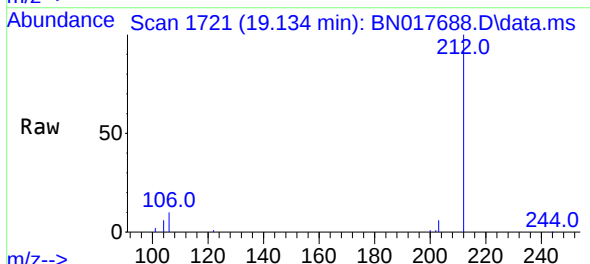
Tgt Ion:178 Resp: 17014
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.6
179 15.2 12.3 18.5

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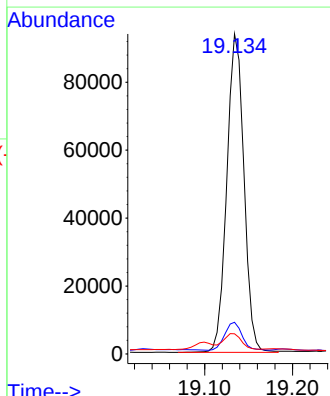
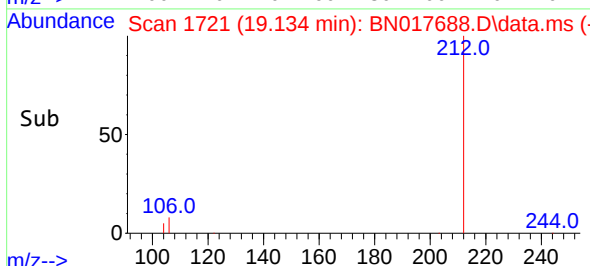
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021

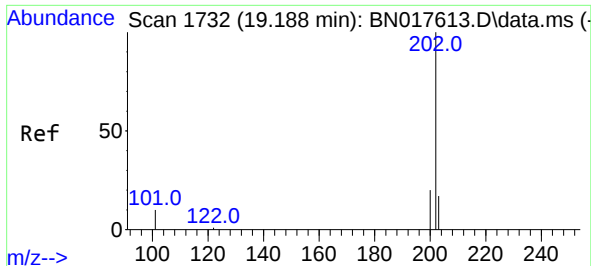


#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.134 min Scan# 1721
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50



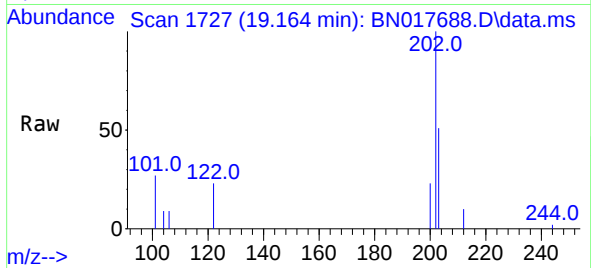
Tgt Ion:212 Resp: 126997
Ion Ratio Lower Upper
212 100
106 8.8 10.5 15.7#
104 4.9 5.8 8.6#





#28
Fluoranthene
Concen: 0.062 ng
RT: 19.164 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

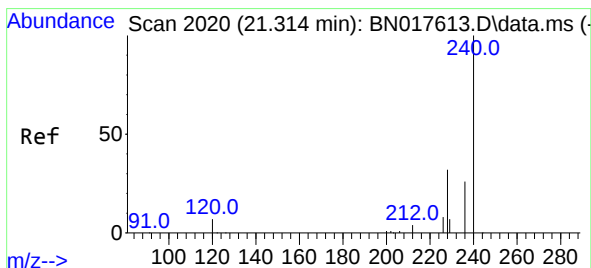
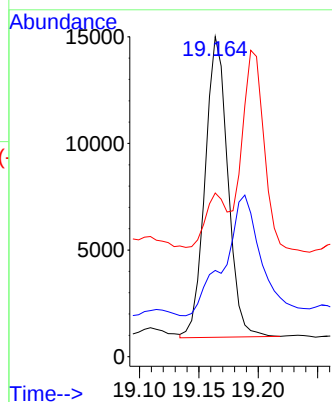
Instrument :
BNA_N
ClientSampleId :
GWBR3D-BA-472-493-112921



Tgt Ion:202 Resp: 1879
Ion Ratio Lower Upper
202 100
101 0.0 8.9 13.3
203 16.4 13.8 20.6

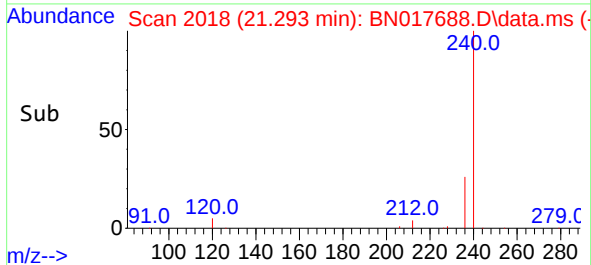
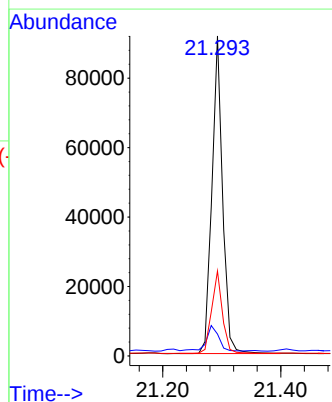
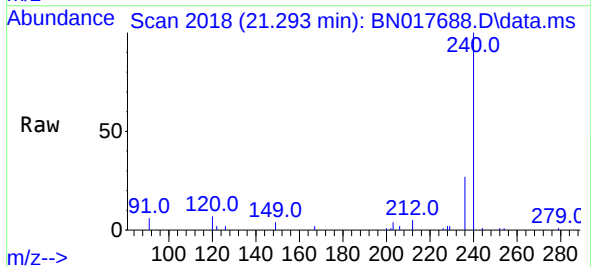
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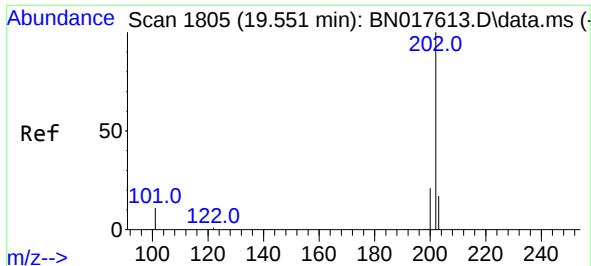
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 2018
Delta R.T. 0.011 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

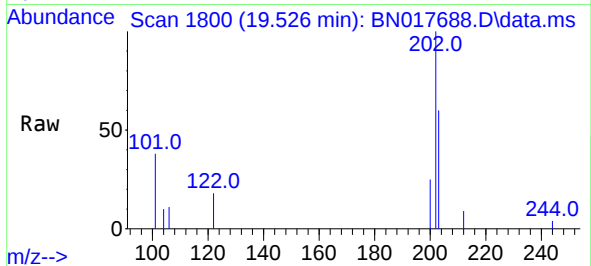
Tgt Ion:240 Resp: 115063
Ion Ratio Lower Upper
240 100
120 6.9 4.2 6.2
236 26.6 20.0 30.0





#30
Pyrene
Concen: 0.034 ng
RT: 19.526 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

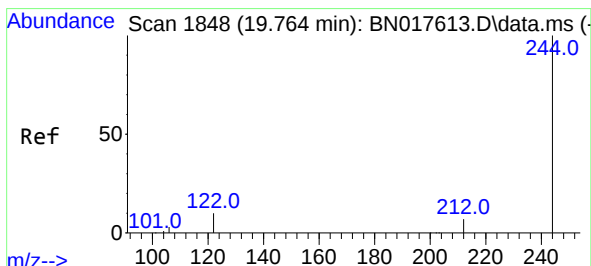
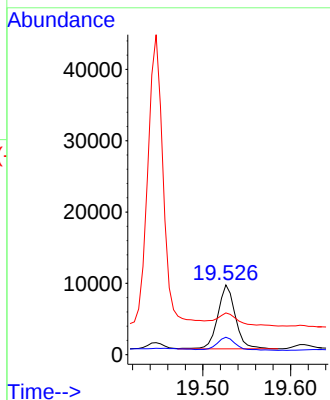
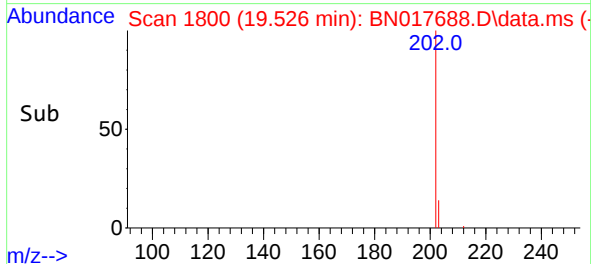
Instrument :
BNA_N
ClientSampleId :
GWR3D-BA-472-493-112921



Tgt Ion:202 Resp: 1246
Ion Ratio Lower Upper
202 100
200 21.8 16.5 24.7
203 24.5 14.0 21.0

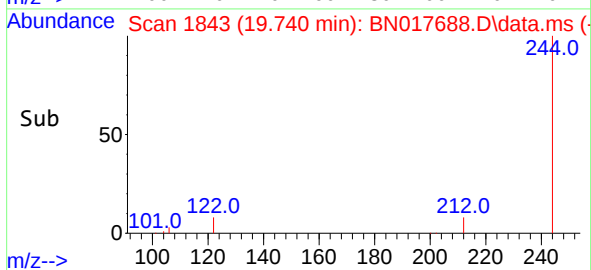
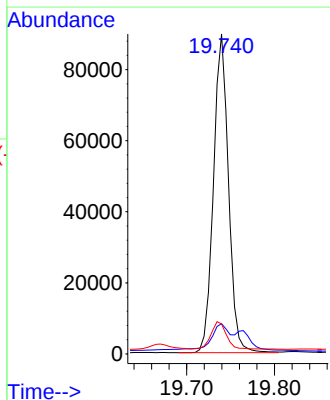
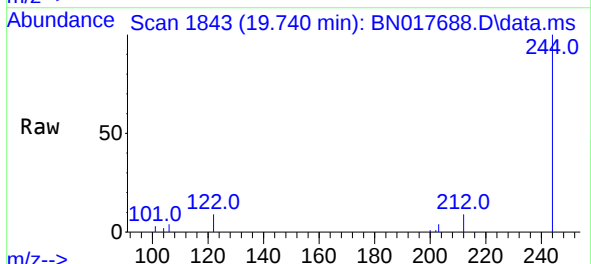
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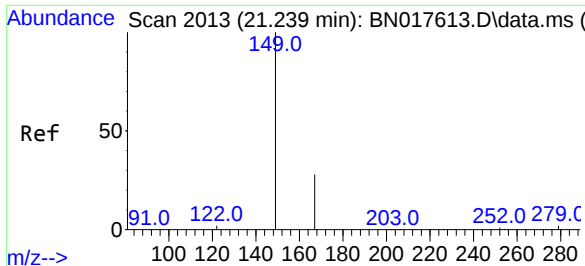
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



#31
Terphenyl-d14
Concen: 0.421 ng
RT: 19.740 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

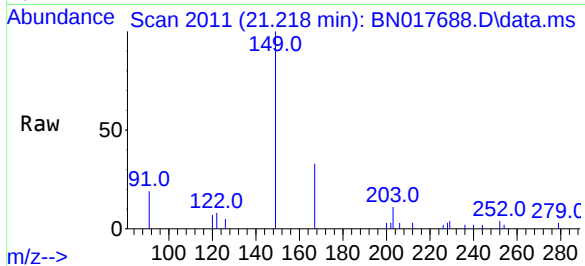
Tgt Ion:244 Resp: 106317
Ion Ratio Lower Upper
244 100
212 9.4 5.7 8.5#
122 9.4 8.6 13.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.454 ng
RT: 21.218 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

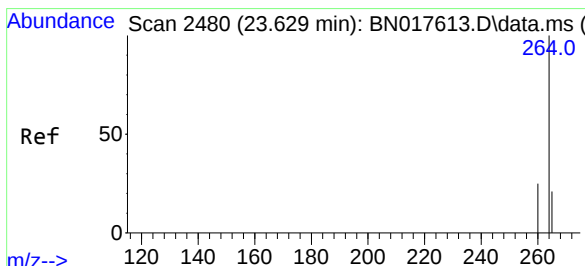
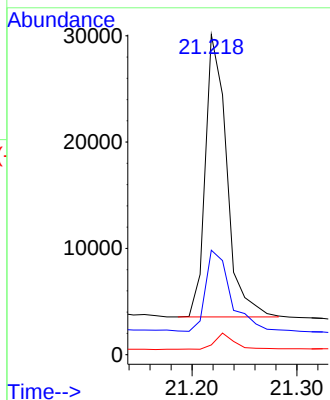
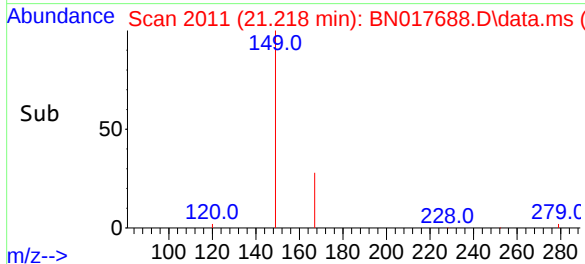
Instrument :
BNA_N
ClientSampleId :
GWBR3D-BA-472-493-112921



Tgt Ion:149 Resp: 37600
Ion Ratio Lower Upper
149 100
167 33.4 21.8 32.6
279 5.6 3.4 5.0

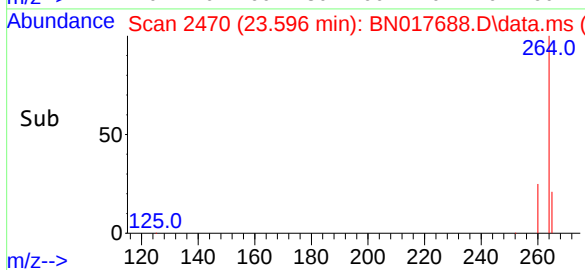
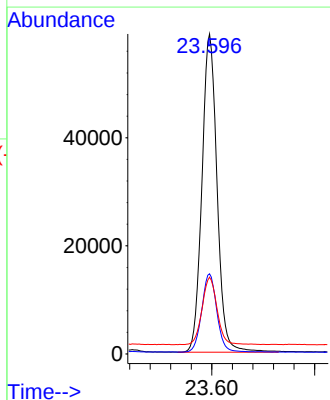
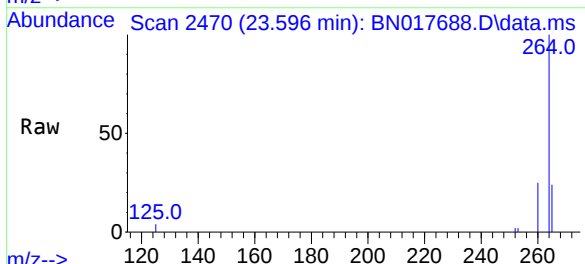
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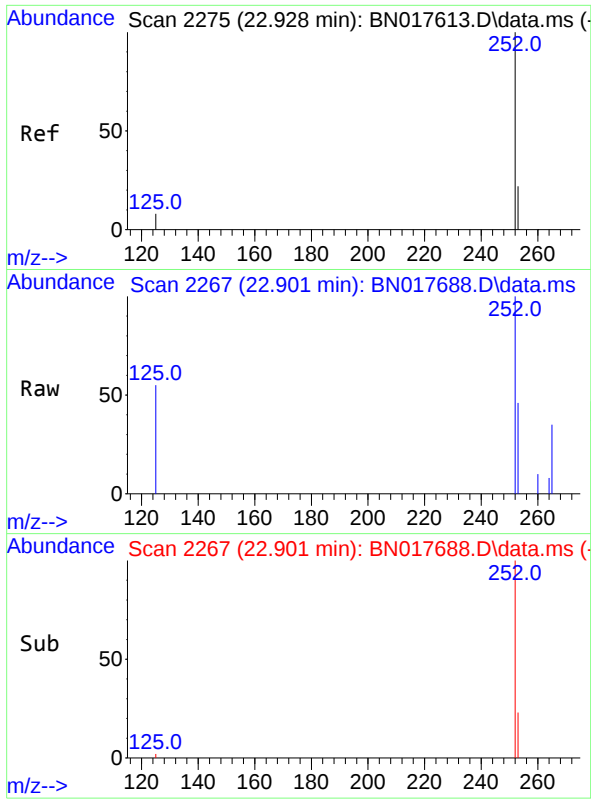
Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.596 min Scan# 2470
Delta R.T. 0.014 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Tgt Ion:264 Resp: 120255
Ion Ratio Lower Upper
264 100
260 25.0 19.4 29.2
265 24.0 18.6 28.0





#37
Benzo(b)fluoranthene
Concen: 0.023 ng
RT: 22.901 min Scan# 21
Delta R.T. 0.014 min
Lab File: BN017688.D
Acq: 02 Dec 2021 18:50

Instrument :
BNA_N
ClientSampleId :
GWB3D-BA-472-493-112921

Tgt Ion:252 Resp: 910
Ion Ratio Lower Upper
252 100
253 45.6 17.7 26.5
125 55.0 7.8 11.8

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Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021

