

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
 Data File : BN019202.D
 Acq On : 28 Mar 2022 19:23
 Operator : CG/JU
 Sample : PB143655BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB143655BL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/29/2022
 Supervised By : Jagrut Upadhyay 03/29/2022

Quant Time: Mar 29 06:24:17 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 19:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	3666	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	8860	0.400	ng	# 0.01
13) Acenaphthene-d10	14.484	164	5245	0.400	ng	0.00
19) Phenanthrene-d10	17.236	188	9559	0.400	ng	0.00
29) Chrysene-d12	21.422	240	7359	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	6415	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.406	112	2806	0.324	ng	0.00
5) Phenol-d6	7.024	99	2095m	0.211	ng	0.02
8) Nitrobenzene-d5	9.025	82	1562	0.227	ng	0.03
11) 2-Methylnaphthalene-d10	12.257	152	4377	0.309	ng	0.02
14) 2,4,6-Tribromophenol	15.995	330	526	0.206	ng	0.02
15) 2-Fluorobiphenyl	13.127	172	6101m	0.277	ng	0.02
27) Fluoranthene-d10	19.261	212	9801	0.350	ng	0.00
31) Terphenyl-d14	19.855	244	6702	0.408	ng	0.00

Target Compounds Qvalue

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

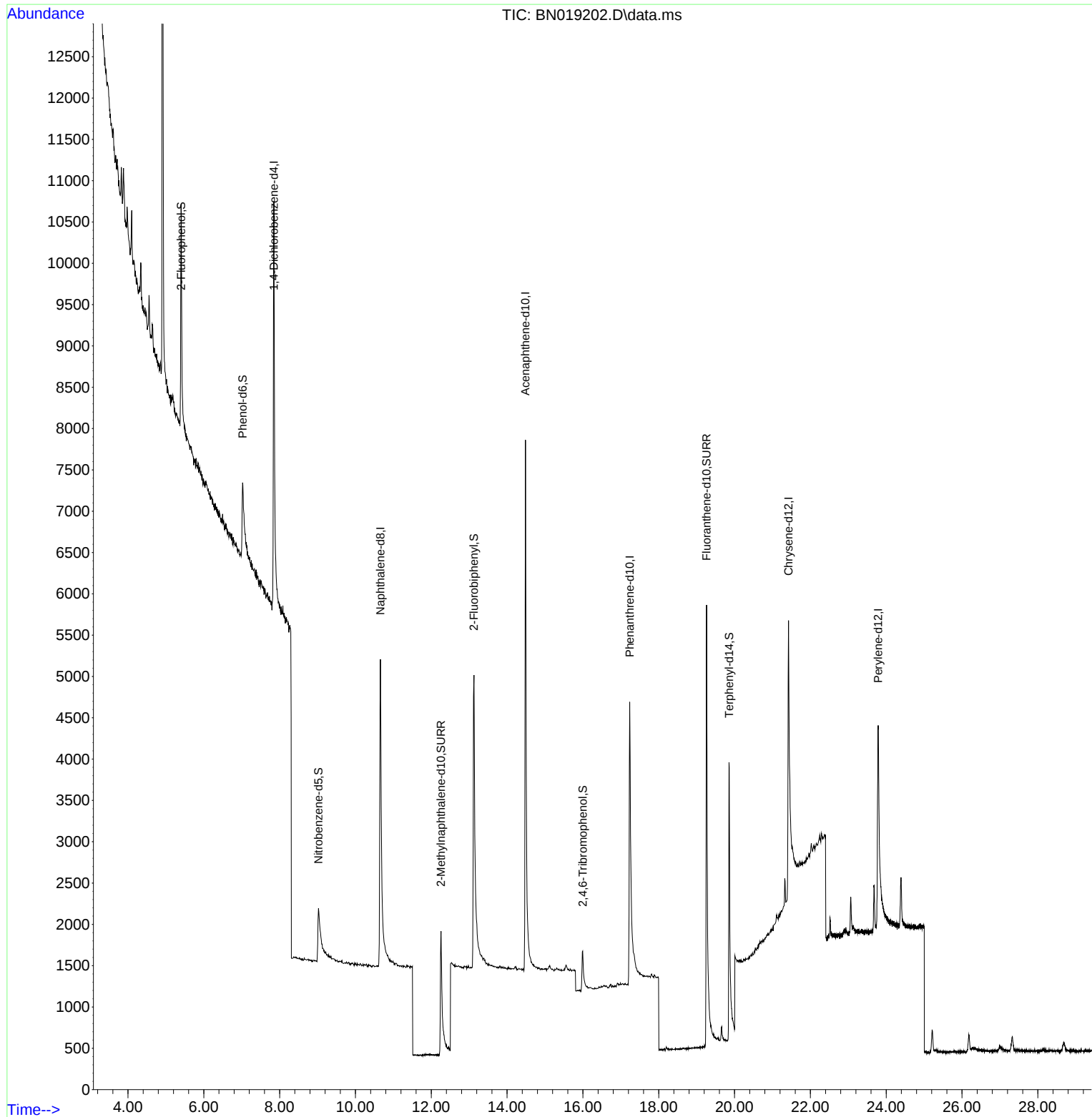
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032822\
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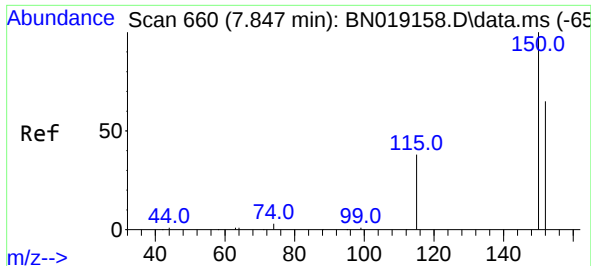
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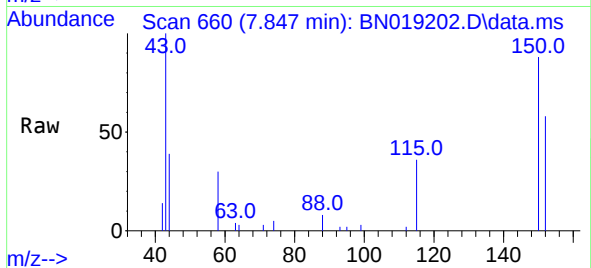
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.847 min Scan# 660
Delta R.T. -0.000 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23

Instrument :

BNA_N

ClientSampleId :

PB143655BL

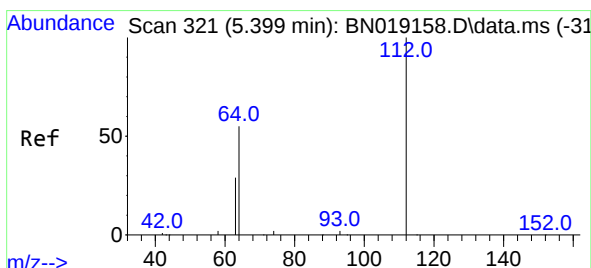
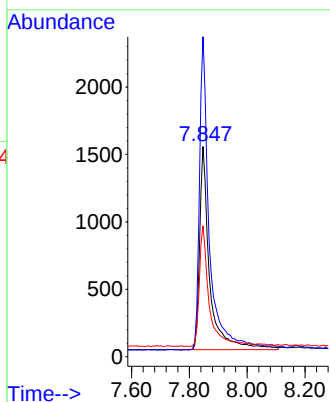


Tgt Ion:152 Resp: 366
Ion Ratio Lower Upper
152 100
150 152.2 123.9 185.9
115 62.2 48.2 72.4

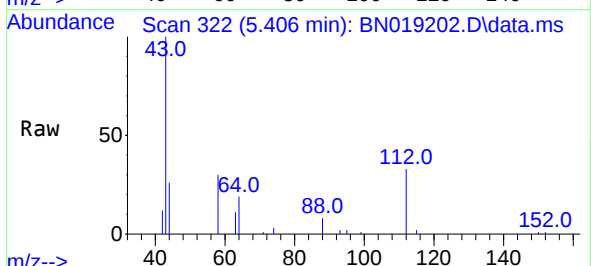
Manual Integrations

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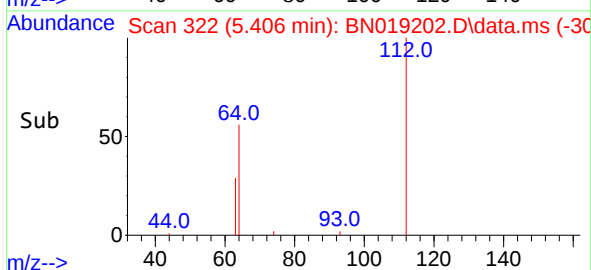
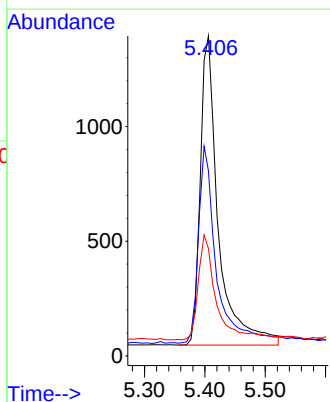
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

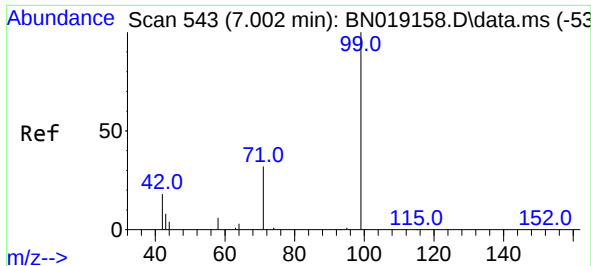


#4
2-Fluorophenol
Concen: 0.324 ng
RT: 5.406 min Scan# 322
Delta R.T. 0.007 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23



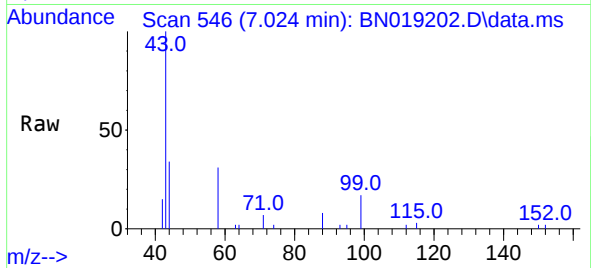
Tgt Ion:112 Resp: 2806
Ion Ratio Lower Upper
112 100
64 62.6 47.8 71.8
63 34.0 25.7 38.5





#5
Phenol-d6
Concen: 0.211 ng m
RT: 7.024 min Scan# 543
Delta R.T. 0.021 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23

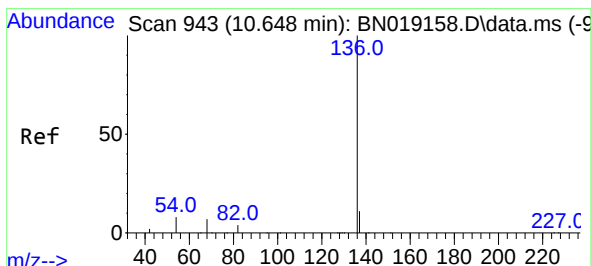
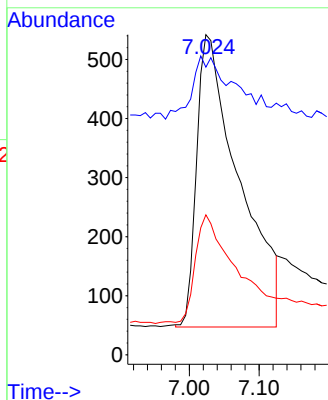
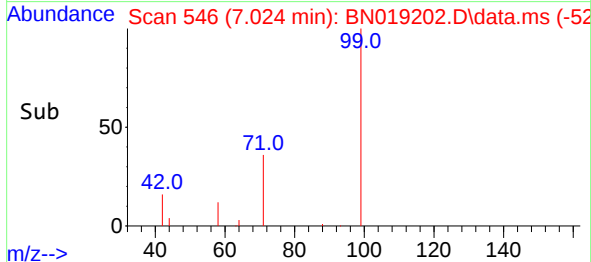
Instrument :
BNA_N
ClientSampleId :
PB143655BL



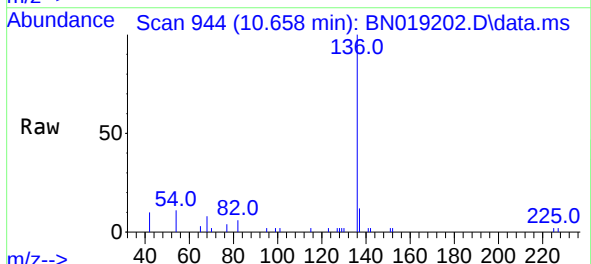
Tgt Ion: 99 Resp: 209
Ion Ratio Lower Upper
99 100
42 17.9 16.2 24.4
71 28.5 27.7 41.5

Manual Integrations
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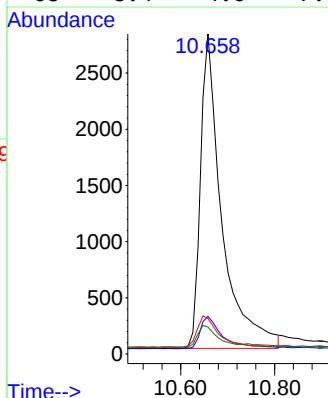
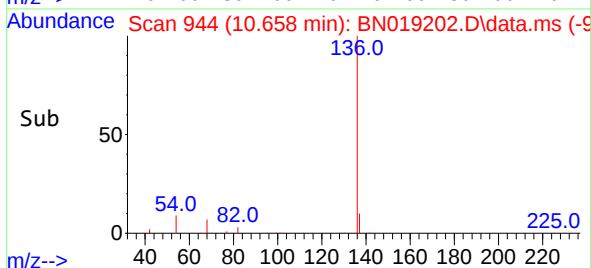
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022

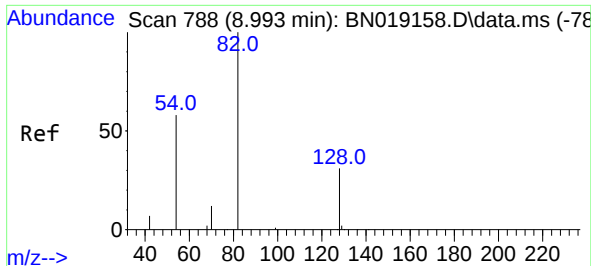


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.010 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23



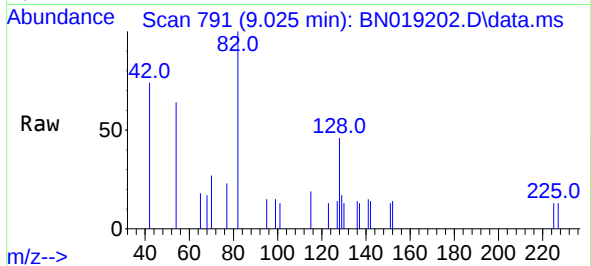
Tgt Ion:136 Resp: 8860
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 11.1 5.8 8.6#
68 8.4 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.227 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.032 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23

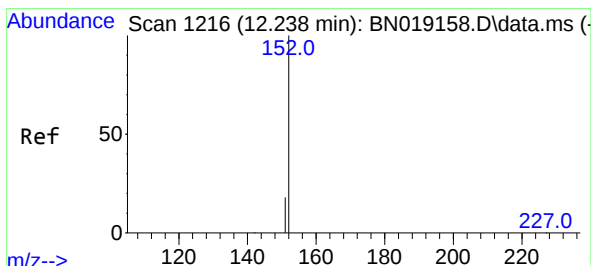
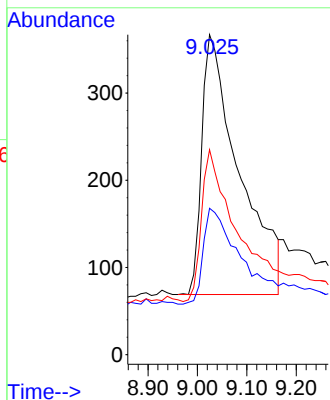
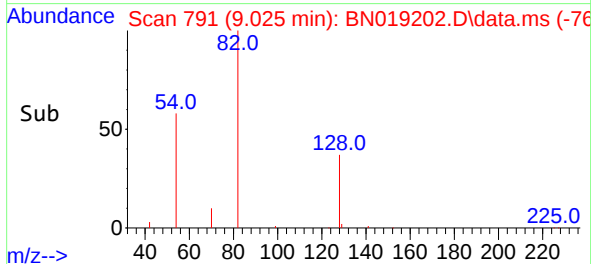
Instrument :
BNA_N
ClientSampleId :
PB143655BL



Tgt Ion: 82 Resp: 1562
Ion Ratio Lower Upper
82 100
128 45.8 33.0 49.6
54 64.0 42.5 63.7

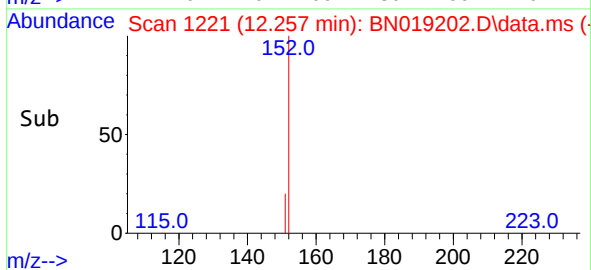
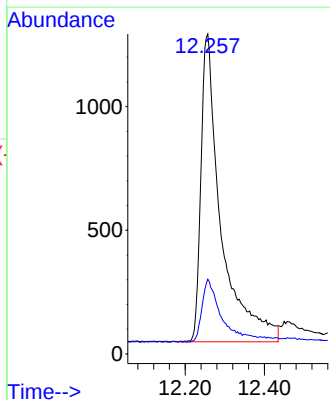
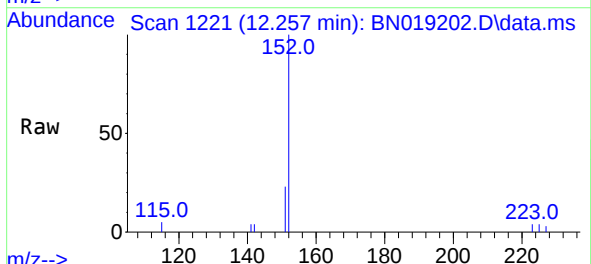
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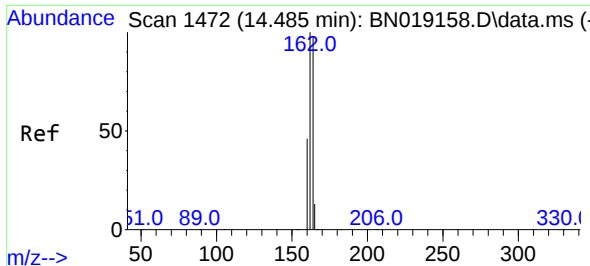
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 12.257 min Scan# 1221
Delta R.T. 0.019 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23

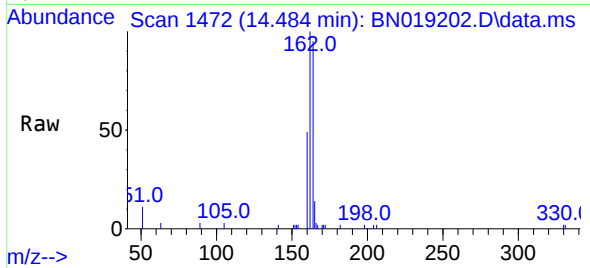
Tgt Ion:152 Resp: 4377
Ion Ratio Lower Upper
152 100
151 18.5 16.5 24.7





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23

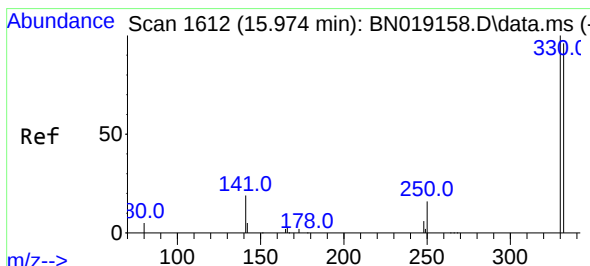
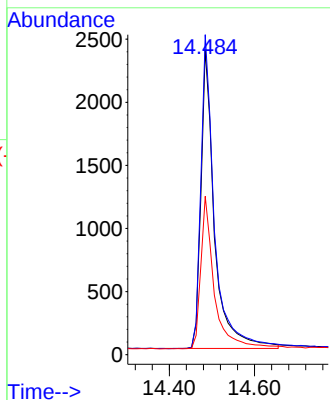
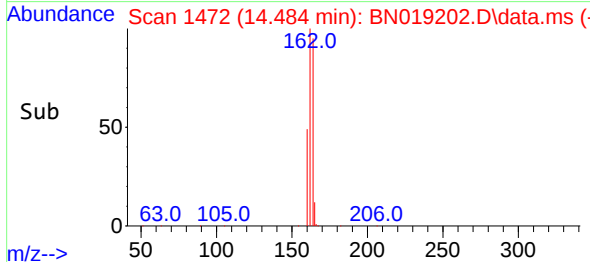
Instrument :
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ClientSampleId :
PB143655BL



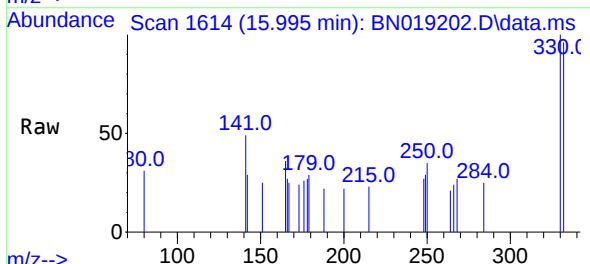
Tgt Ion:164 Resp: 524
Ion Ratio Lower Upper
164 100
162 105.0 85.2 127.8
160 51.9 41.5 62.3

Manual Integrations
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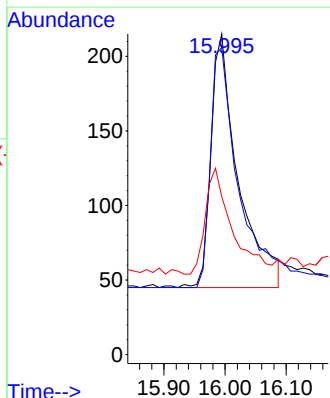
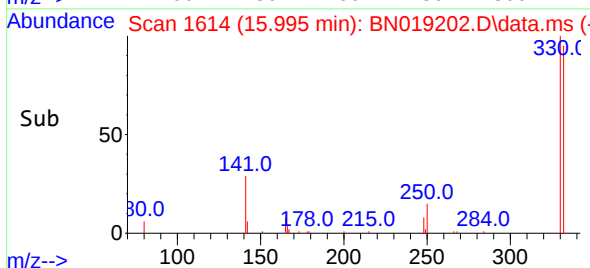
Reviewed By :Christian Giraldo 03/29/2022
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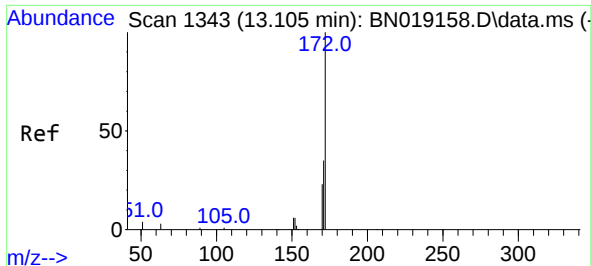


#14
2,4,6-Tribromophenol
Concen: 0.206 ng
RT: 15.995 min Scan# 1614
Delta R.T. 0.020 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23



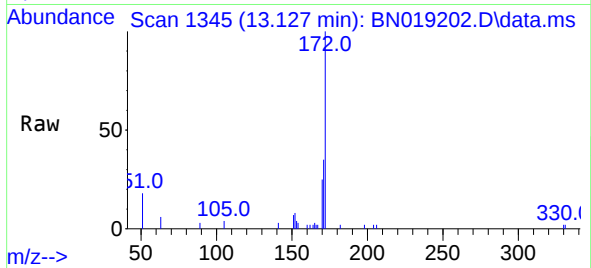
Tgt Ion:330 Resp: 526
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 41.1 32.2 48.2





#15
2-Fluorobiphenyl
Concen: 0.277 ng m
RT: 13.127 min Scan# 11
Delta R.T. 0.021 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23

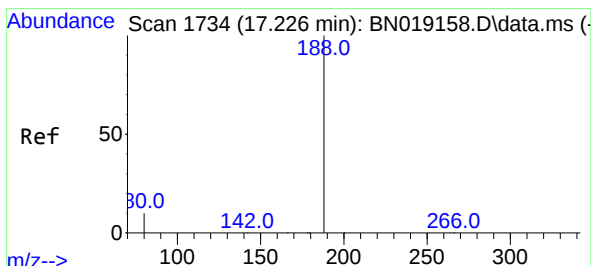
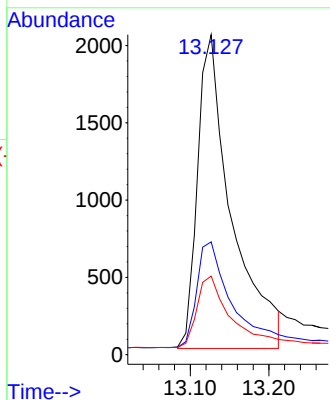
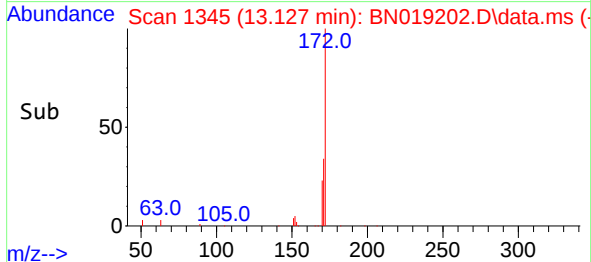
Instrument :
BNA_N
ClientSampleId :
PB143655BL



Tgt Ion:172 Resp: 610
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 24.5 18.7 28.1

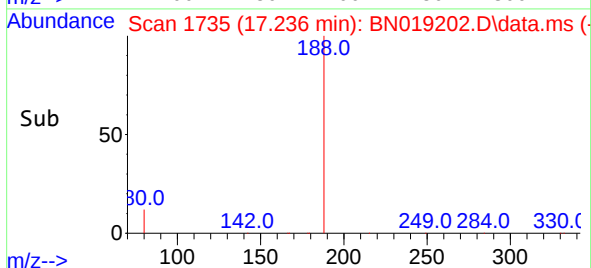
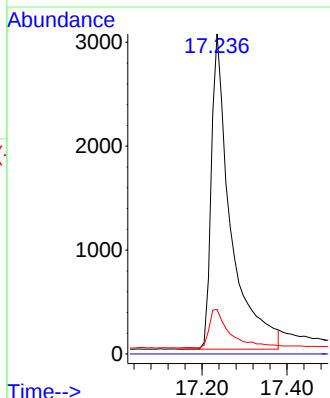
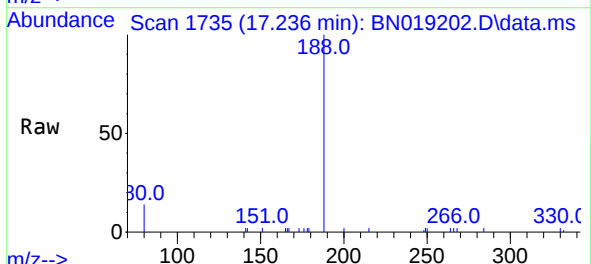
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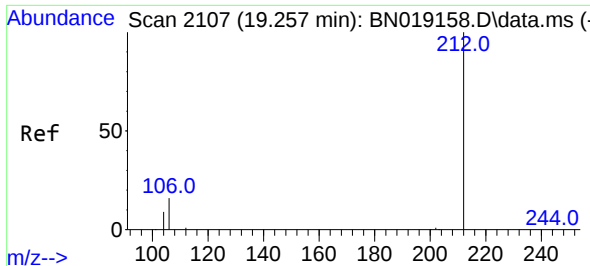
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. 0.010 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23

Tgt Ion:188 Resp: 9559
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 11.8 17.8





#27
Fluoranthene-d10
Concen: 0.350 ng
RT: 19.261 min Scan# 2108
Delta R.T. 0.004 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23

Instrument :

BNA_N

ClientSampleId :

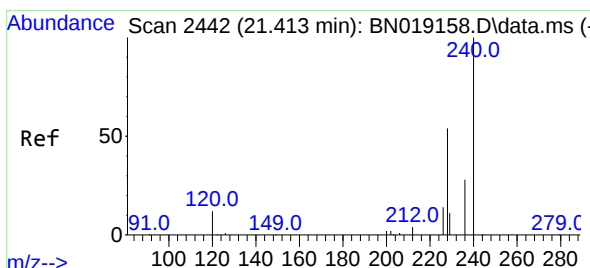
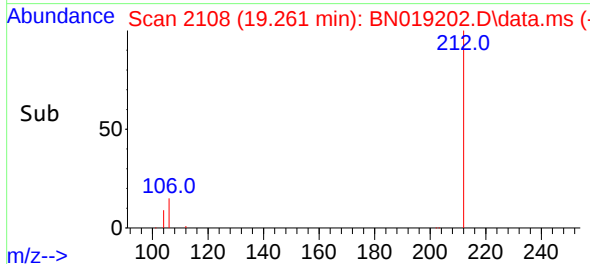
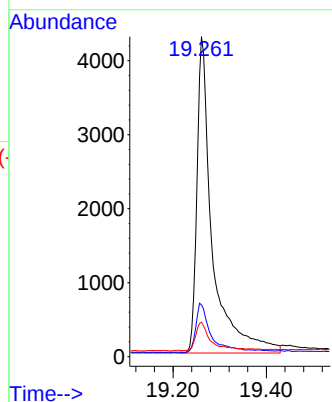
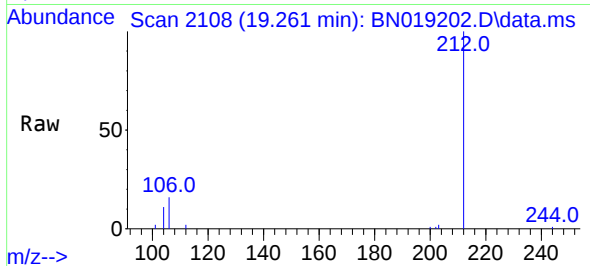
PB143655BL

Tgt Ion:212 Resp: 980
Ion Ratio Lower Upper
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106 14.9 12.7 19.1
104 8.7 7.1 10.7

Manual Integrations

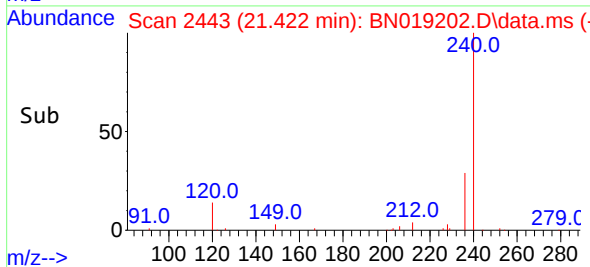
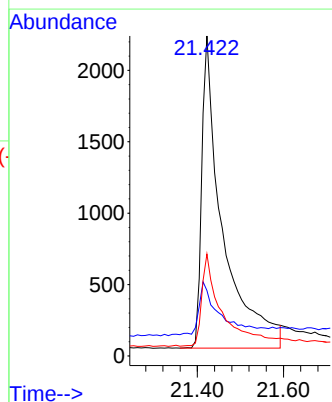
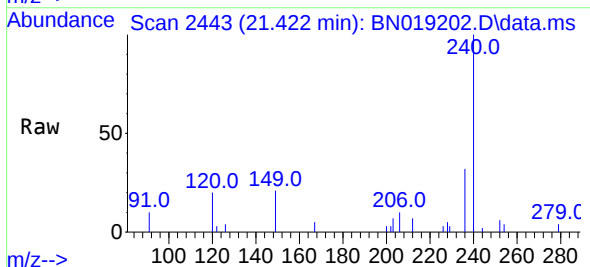
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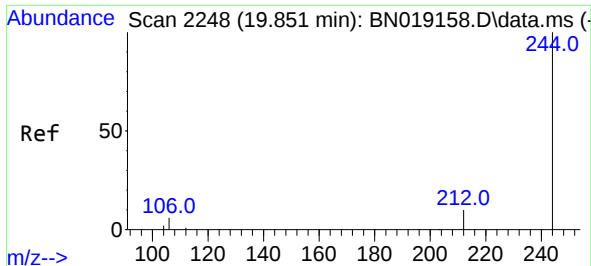
Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.422 min Scan# 2443
Delta R.T. 0.009 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23

Tgt Ion:240 Resp: 7359
Ion Ratio Lower Upper
240 100
120 20.4 8.5 12.7#
236 31.9 22.4 33.6





#31
Terphenyl-d14
Concen: 0.408 ng
RT: 19.855 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23

Instrument :

BNA_N

ClientSampleId :

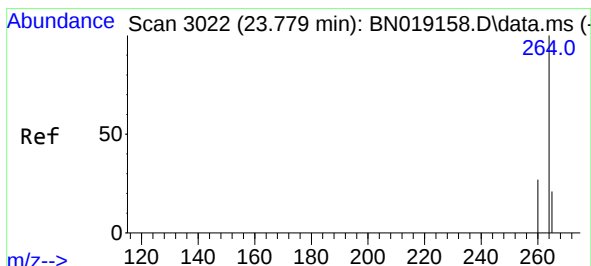
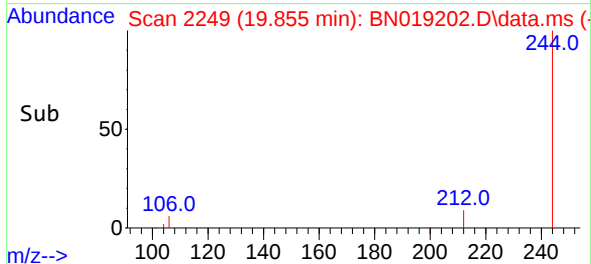
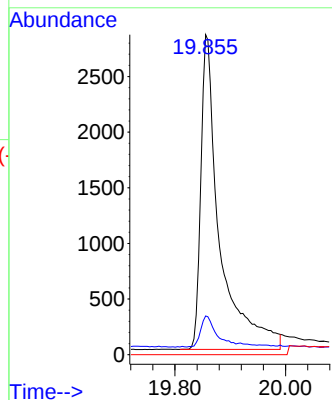
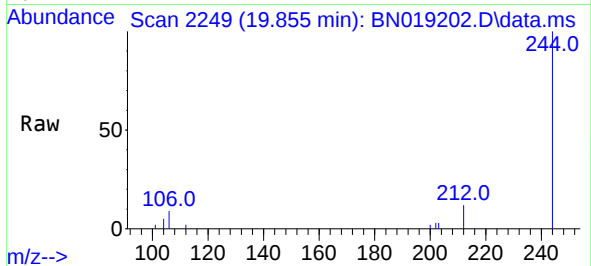
PB143655BL

Tgt Ion:244 Resp: 670
Ion Ratio Lower Upper
244 100
212 12.1 8.2 12.4
122 0.0 0.0 0.0

Manual Integrations

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Reviewed By :Christian Giraldo 03/29/2022
Supervised By :Jagrut Upadhyay 03/29/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.787 min Scan# 3025
Delta R.T. 0.009 min
Lab File: BN019202.D
Acq: 28 Mar 2022 19:23

Tgt Ion:264 Resp: 6415
Ion Ratio Lower Upper
264 100
260 29.2 22.4 33.6
265 78.1 25.3 37.9#

