

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
 Data File : BN019666.D
 Acq On : 04 May 2022 15:48
 Operator : CG/JU
 Sample : PB144538BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB144538BL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 04 18:34:59 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:20:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	5265	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	14646	0.400	ng	# 0.01
13) Acenaphthene-d10	14.484	164	7483	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	15570	0.400	ng	# 0.00
29) Chrysene-d12	21.404	240	10121	0.400	ng	# 0.00
35) Perylene-d12	23.749	264	7677	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	4224	0.344	ng	0.00
5) Phenol-d6	7.031	99	4807	0.319	ng	0.00
8) Nitrobenzene-d5	9.014	82	3880m	0.327	ng	0.01
11) 2-Methylnaphthalene-d10	12.242	152	8298	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	599	0.216	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	11567	0.359	ng	0.01
27) Fluoranthene-d10	19.248	212	14743	0.341	ng	0.00
31) Terphenyl-d14	19.851	244	10159	0.429	ng	0.00

Target Compounds Qvalue

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

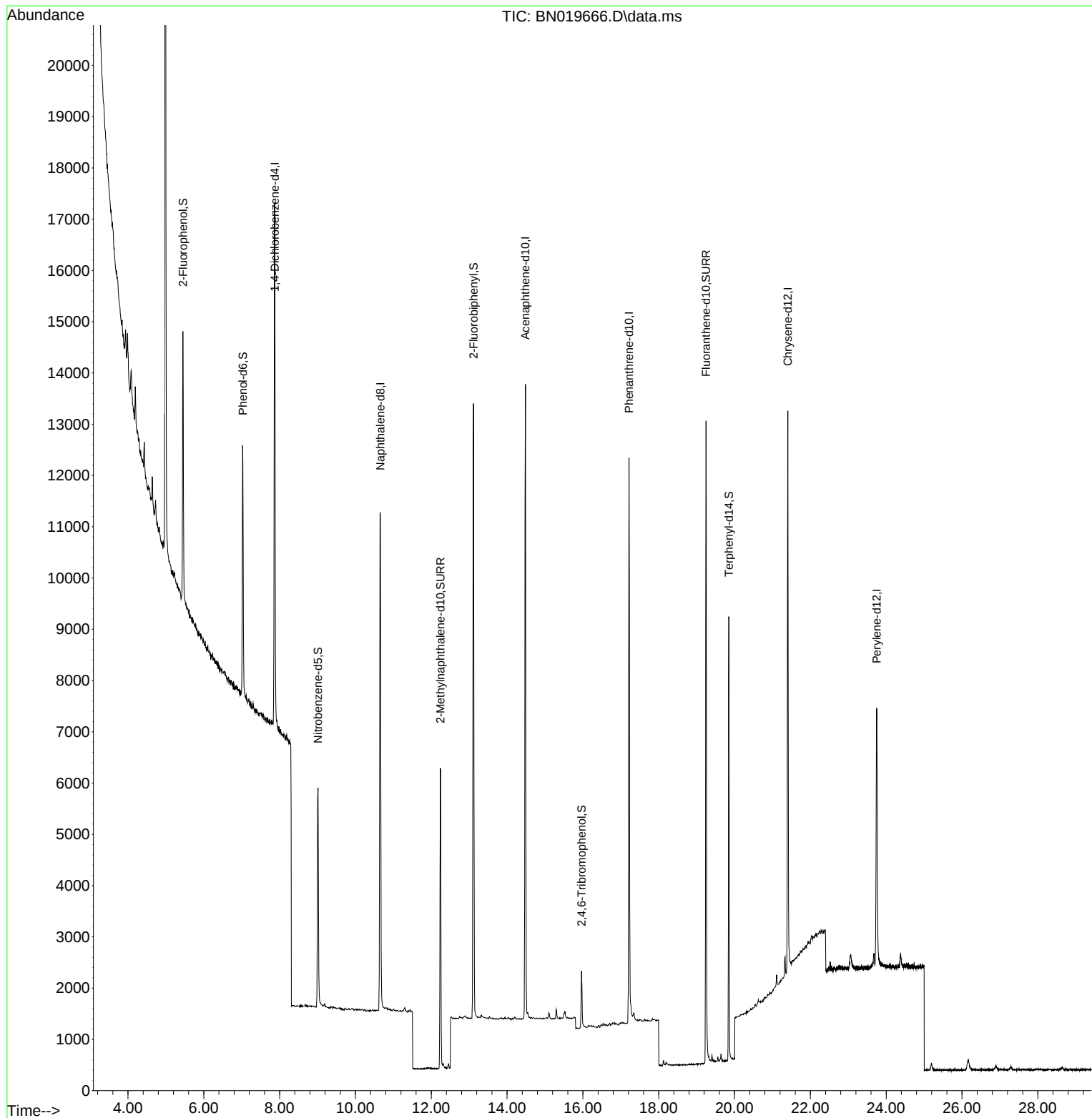
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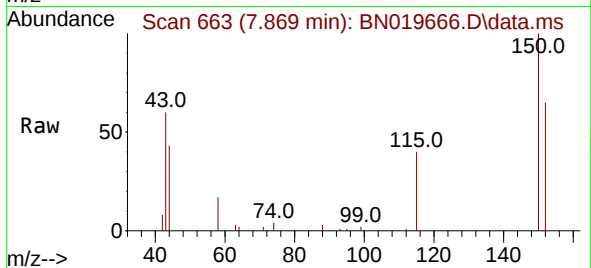
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48

Instrument :

BNA_N

ClientSampleId :

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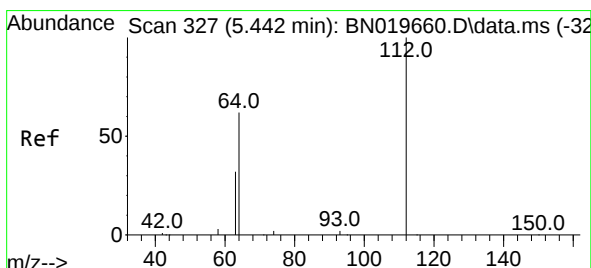
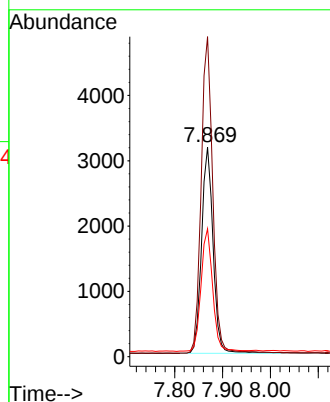
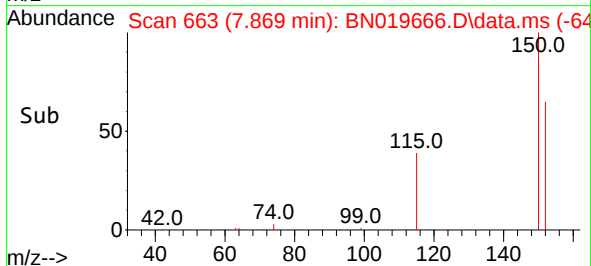


Tgt Ion:152 Resp: 526
Ion Ratio Lower Upper
152 100
150 152.8 122.6 183.8
115 61.0 49.0 73.6

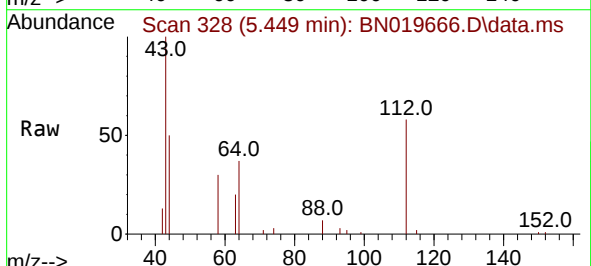
Manual Integrations

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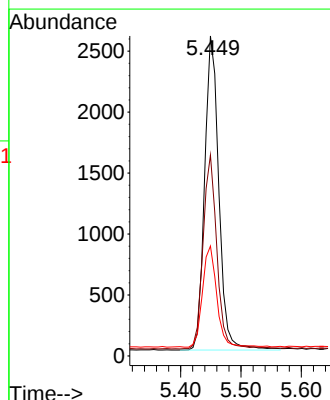
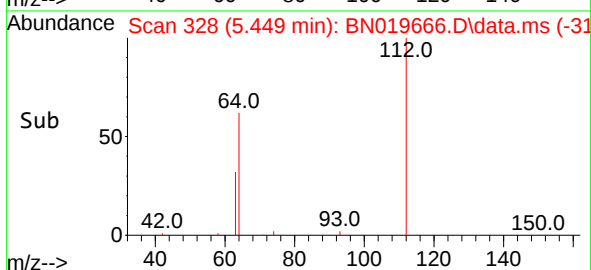
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

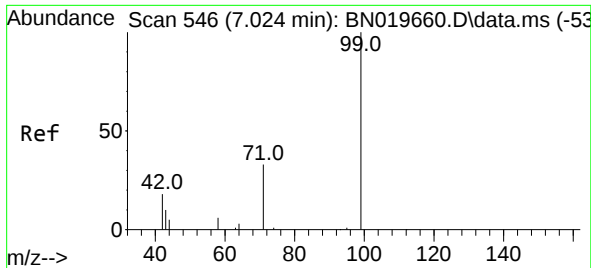


#4
2-Fluorophenol
Concen: 0.344 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48



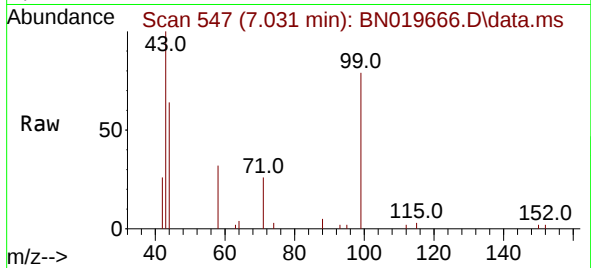
Tgt Ion:112 Resp: 4224
Ion Ratio Lower Upper
112 100
64 60.2 47.3 70.9
63 32.5 24.6 36.8





#5
Phenol-d6
Concen: 0.319 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48

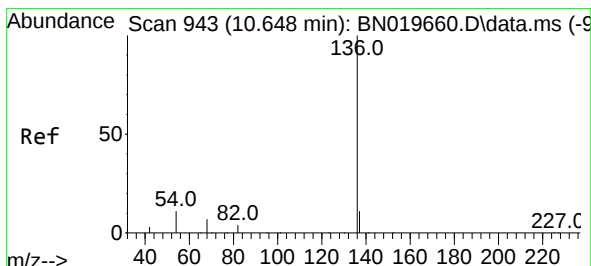
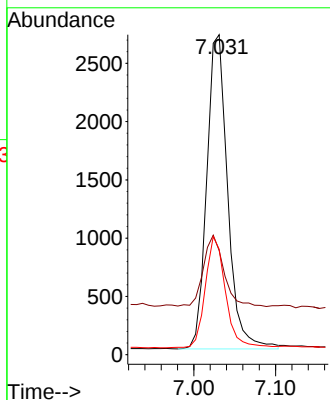
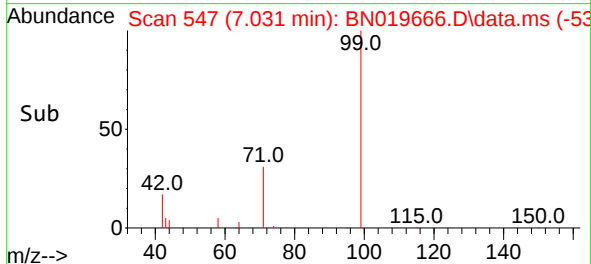
Instrument :
BNA_N
ClientSampleId :
PB144538BL



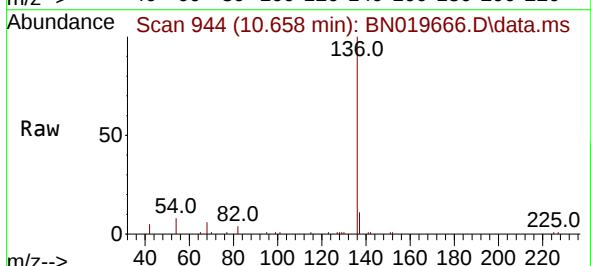
Tgt Ion: 99 Resp: 480
Ion Ratio Lower Upper
99 100
42 22.1 15.8 23.8
71 34.1 26.5 39.7

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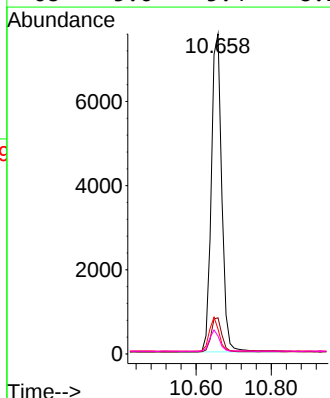
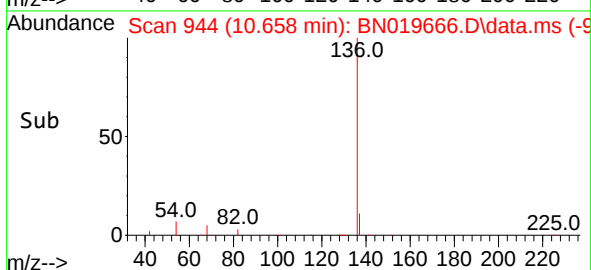
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

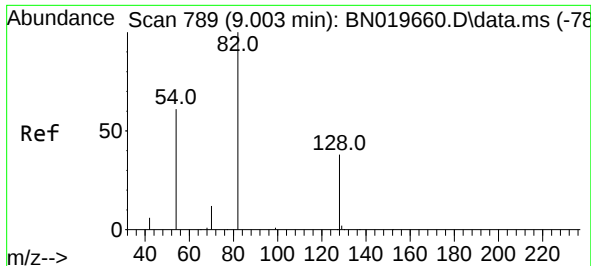


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.011 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48



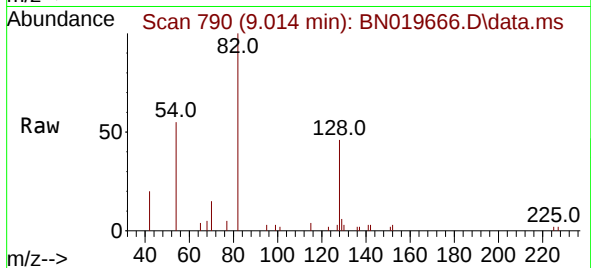
Tgt Ion:136 Resp: 14646
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.7 7.8 11.6#
68 5.6 5.4 8.2





#8
Nitrobenzene-d5
Concen: 0.327 ng m
RT: 9.014 min Scan# 790
Delta R.T. 0.011 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48

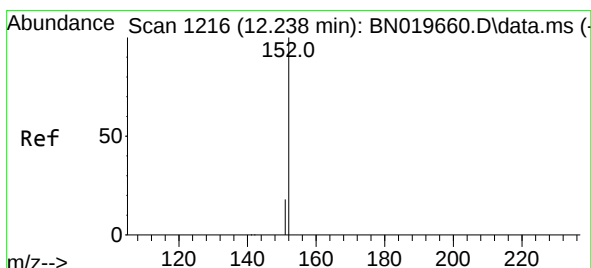
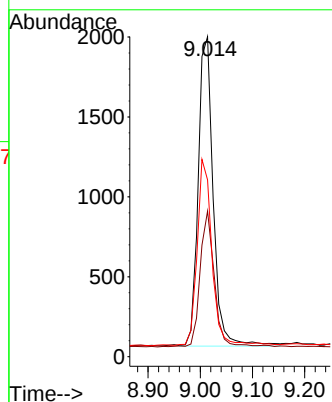
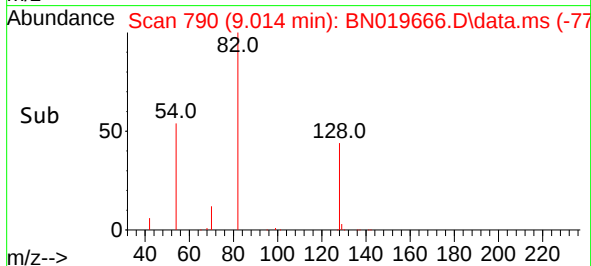
Instrument :
BNA_N
ClientSampleId :
PB144538BL



Tgt Ion: 82 Resp: 3880
Ion Ratio Lower Upper
82 100
128 45.5 32.4 48.6
54 55.2 44.4 66.6

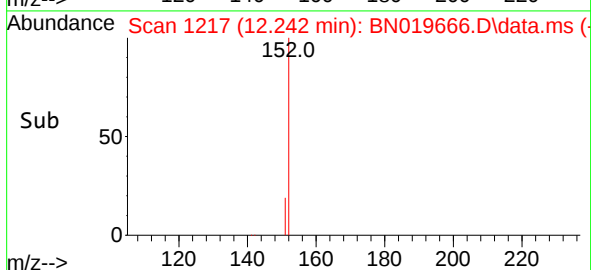
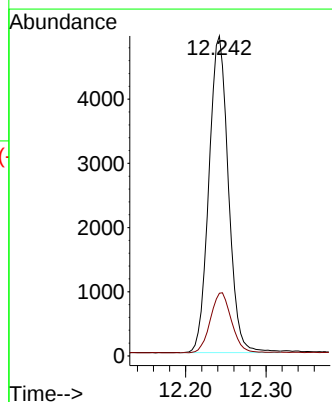
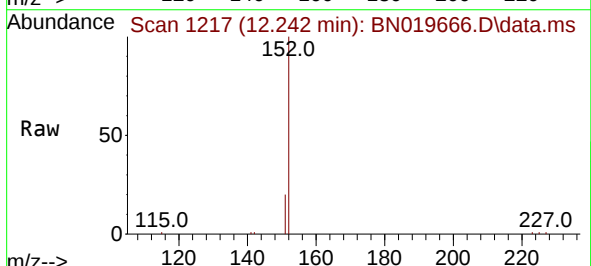
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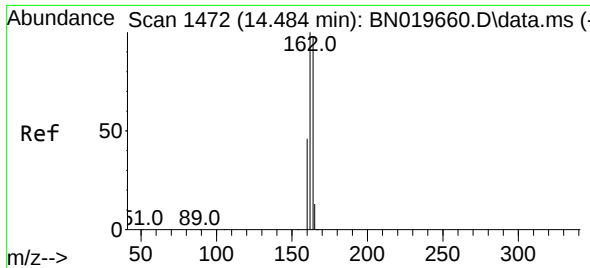
Reviewed By :Christian Giraldo 05/05/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.242 min Scan# 1217
Delta R.T. 0.004 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48

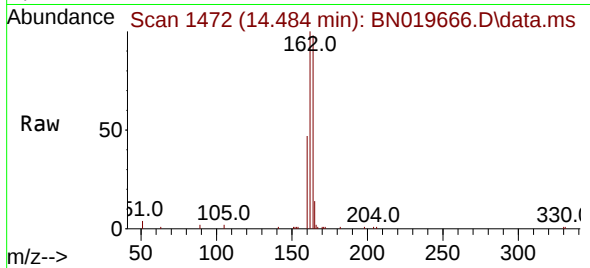
Tgt Ion:152 Resp: 8298
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.000 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48

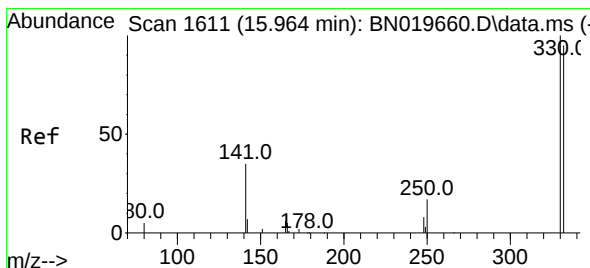
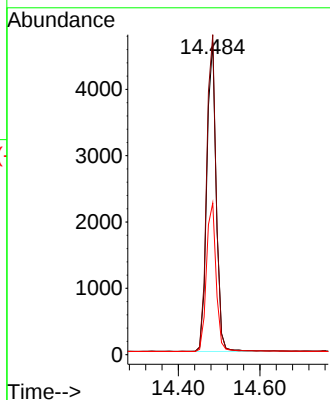
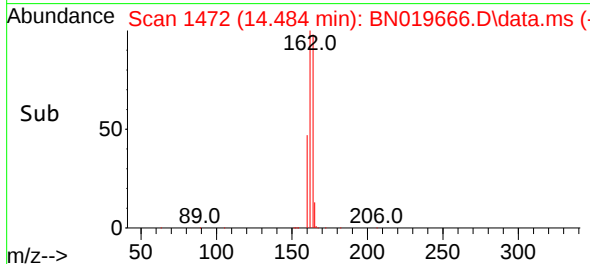
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ClientSampleId :
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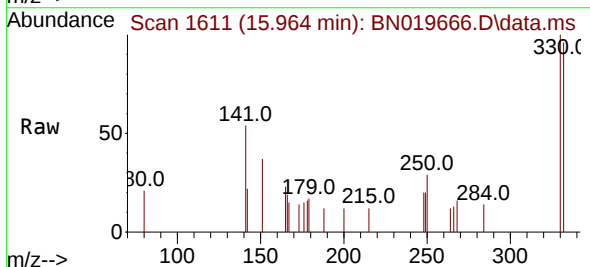
Tgt Ion:164 Resp: 748
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 48.6 38.3 57.5

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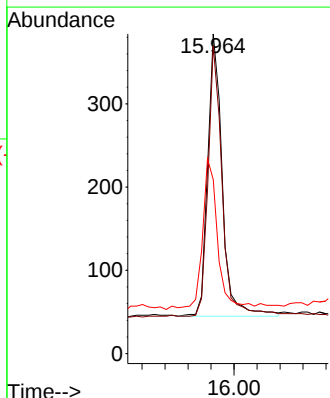
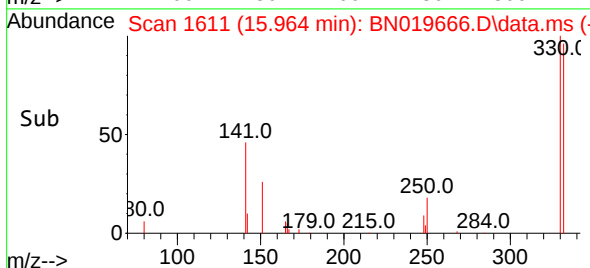
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022

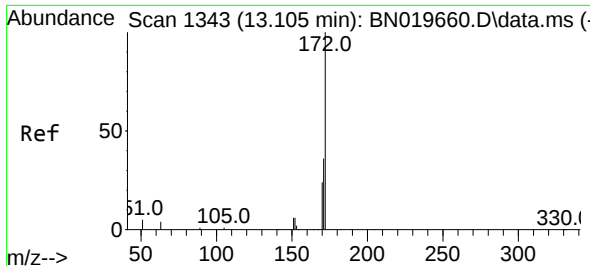


#14
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 15.964 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48



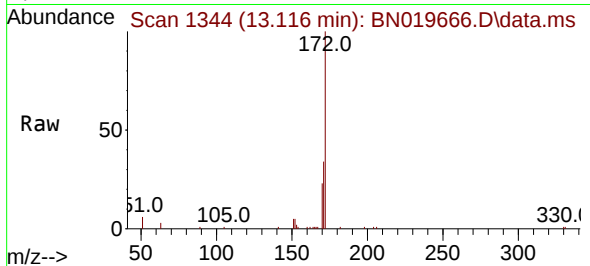
Tgt Ion:330 Resp: 599
Ion Ratio Lower Upper
330 100
332 92.2 76.2 114.4
141 55.9 39.7 59.5





#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.116 min Scan# 1156
Delta R.T. 0.011 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48

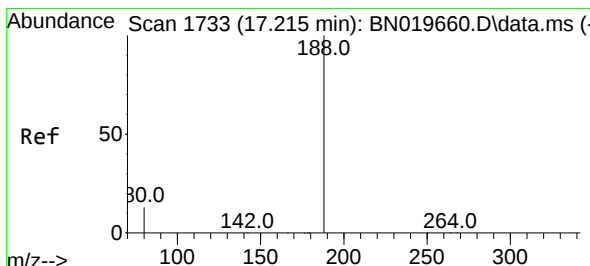
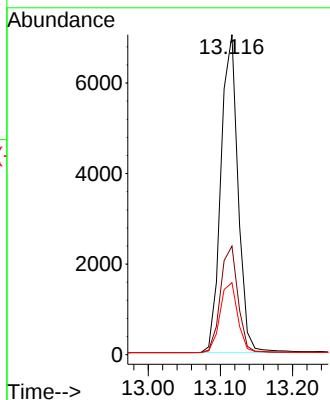
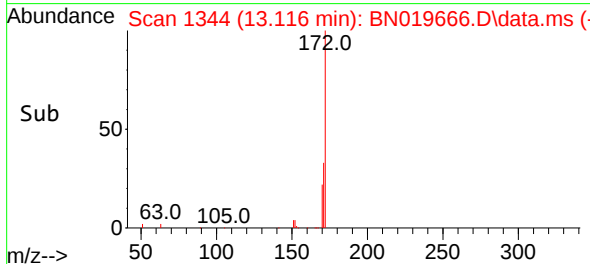
Instrument :
BNA_N
ClientSampleId :
PB144538BL



Tgt Ion:172 Resp: 1156
Ion Ratio Lower Upper
172 100
171 33.9 28.0 42.0
170 22.5 19.0 28.4

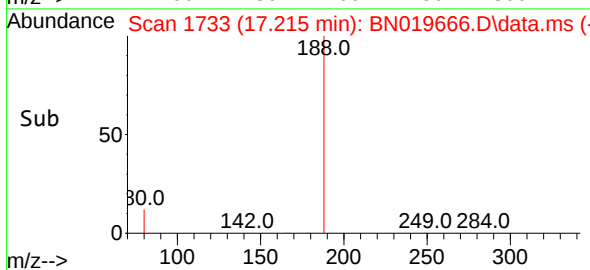
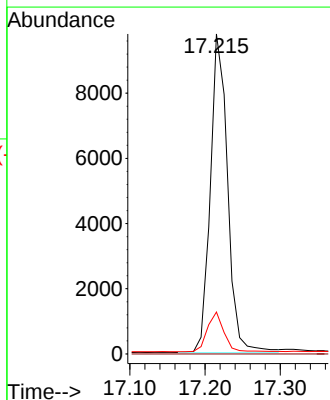
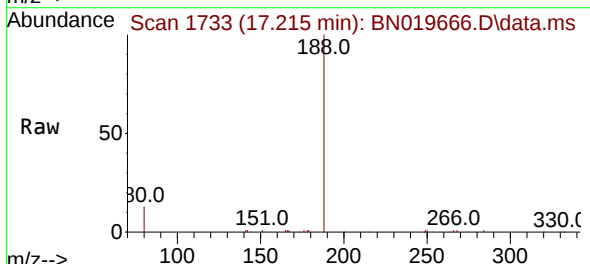
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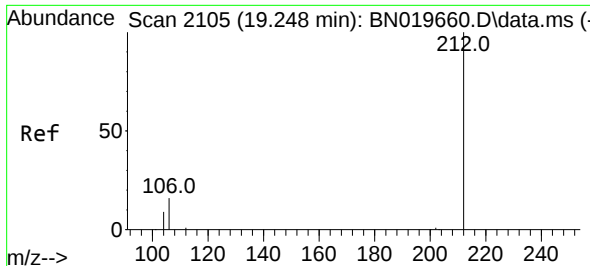
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48

Tgt Ion:188 Resp: 15570
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.1 8.6 12.8





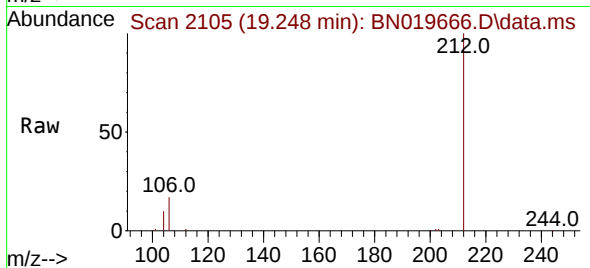
#27
Fluoranthene-d10
Concen: 0.341 ng
RT: 19.248 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48

Instrument :

BNA_N

ClientSampleId :

PB144538BL

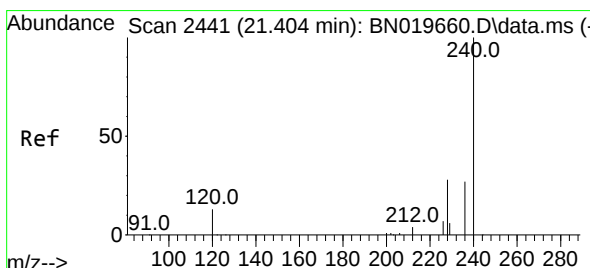
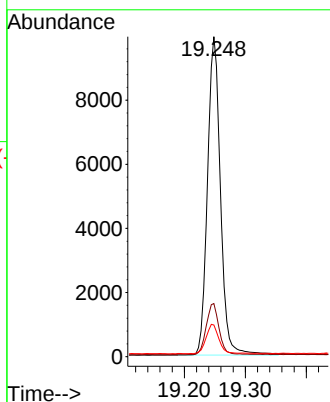
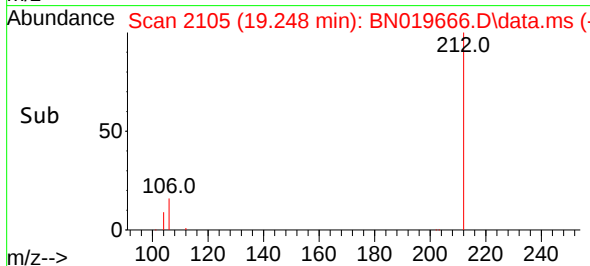


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Ion Ratio Lower Upper
212 100
106 16.1 13.5 20.3
104 8.9 7.6 11.4

Manual Integrations

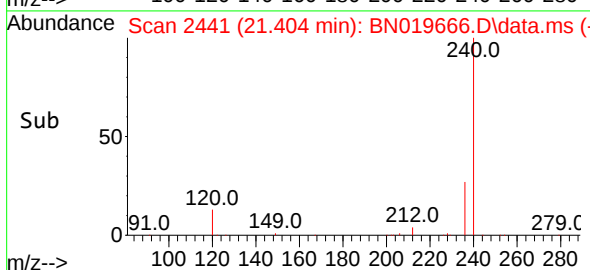
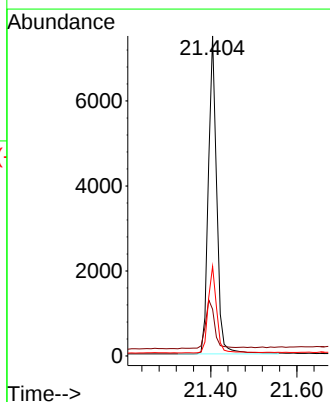
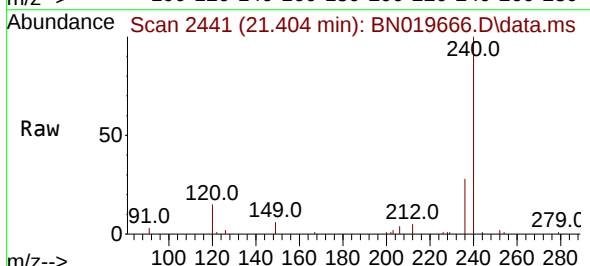
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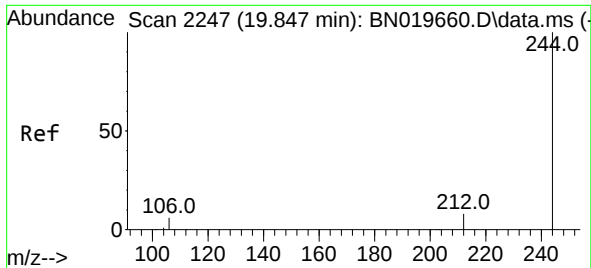
Reviewed By :Christian Giraldo 05/05/2022
Supervised By :Jagrut Upadhyay 05/05/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019666.D
Acq: 04 May 2022 15:48

Tgt Ion:240 Resp: 10121
Ion Ratio Lower Upper
240 100
120 14.6 17.4 26.2#
236 28.0 23.0 34.4





#31
 Terphenyl-d14
 Concen: 0.429 ng
 RT: 19.851 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN019666.D
 Acq: 04 May 2022 15:48

Instrument :

BNA_N

ClientSampleId :

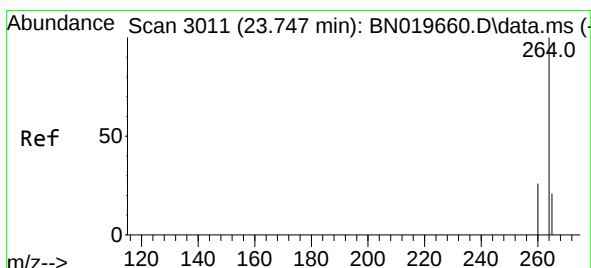
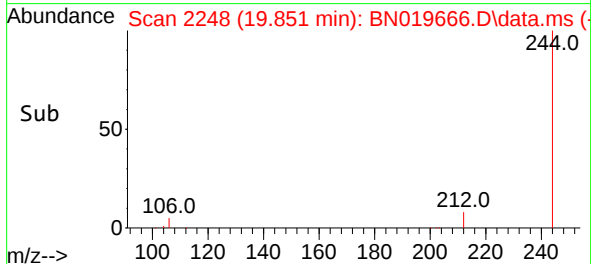
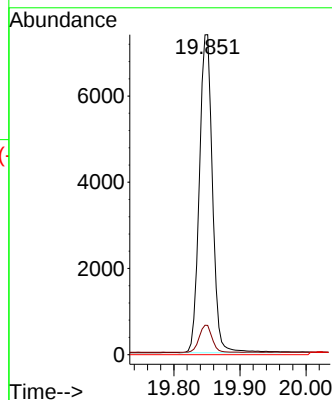
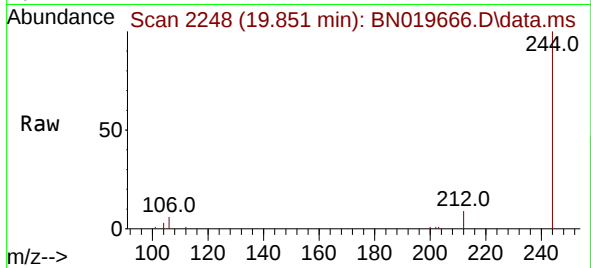
PB144538BL

Tgt Ion:244 Resp: 10159
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.6 11.4
 122 0.0 0.0 0.0

Manual Integrations

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#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.749 min Scan# 3012
 Delta R.T. 0.003 min
 Lab File: BN019666.D
 Acq: 04 May 2022 15:48

Tgt Ion:264 Resp: 7677
 Ion Ratio Lower Upper
 264 100
 260 26.2 21.0 31.6
 265 61.0 67.9 101.9#

