

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
 Data File : BN019671.D
 Acq On : 04 May 2022 18:47
 Operator : CG/JU
 Sample : N2640-04DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MWBR3D-B-480-500-042922-FDDL

Quant Time: May 05 04:57:45 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

Manual Integrations APPROVED

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

Supervised By : Jagrut
 Upadhyay
 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	5189	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	14816	0.400	ng	0.01
13) Acenaphthene-d10	14.484	164	8654	0.400	ng	0.00
19) Phenanthrene-d10	17.215	188	17659	0.400	ng	# 0.00
29) Chrysene-d12	21.404	240	13054	0.400	ng	# 0.00
35) Perylene-d12	23.749	264	9758	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	242	0.020	ng	0.00
5) Phenol-d6	7.031	99	174	0.012	ng	0.00
8) Nitrobenzene-d5	9.014	82	509m	0.042	ng	0.01
11) 2-Methylnaphthalene-d10	12.242	152	1110	0.046	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	98	0.031	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	1789	0.048	ng	0.01
27) Fluoranthene-d10	19.248	212	2201	0.045	ng	0.00
31) Terphenyl-d14	19.847	244	1488	0.049	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	10505	1.748	ng	96
34) Bis(2-ethylhexyl)phtha...	21.333	149	4669	0.191	ng	99

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

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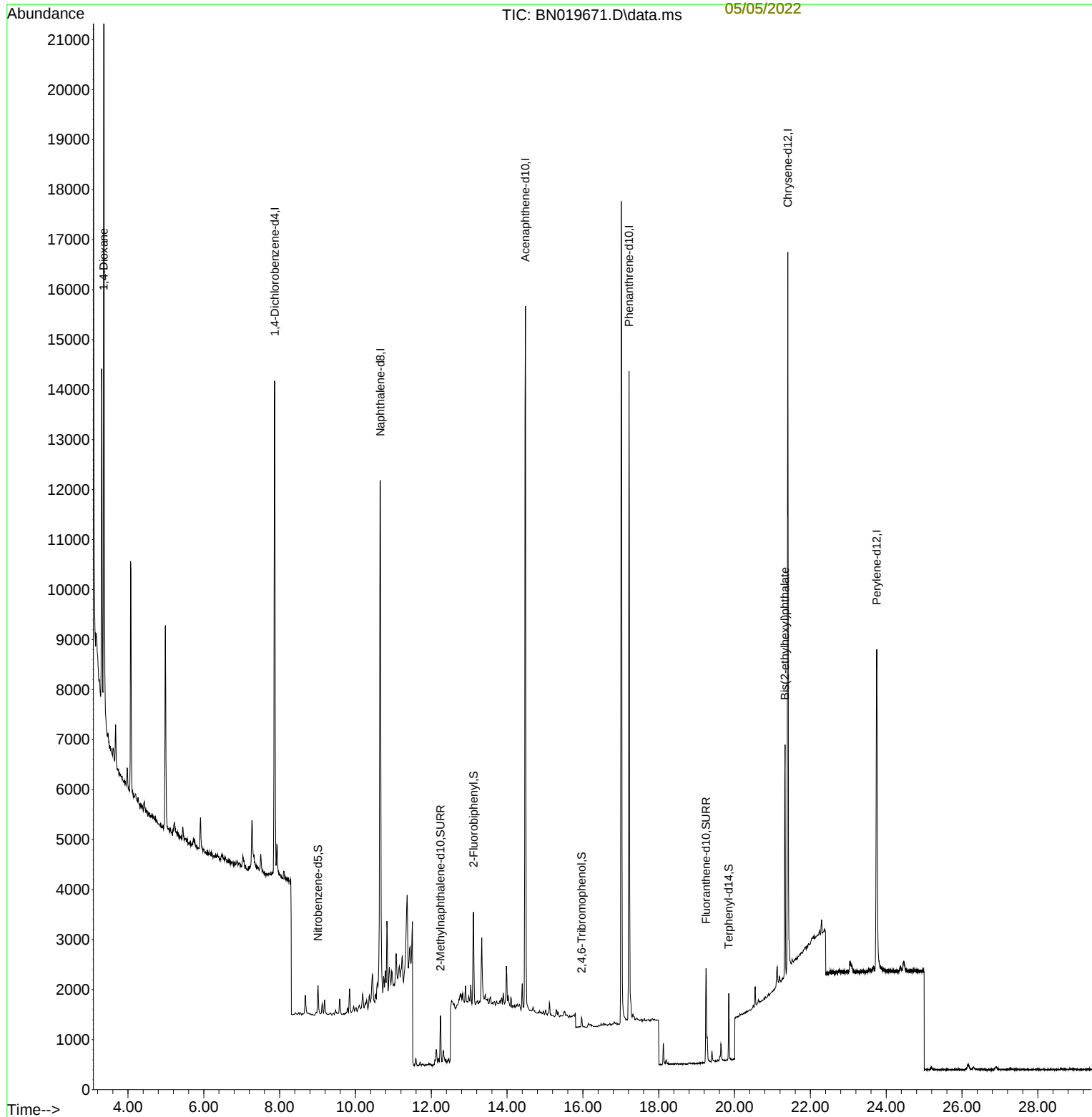
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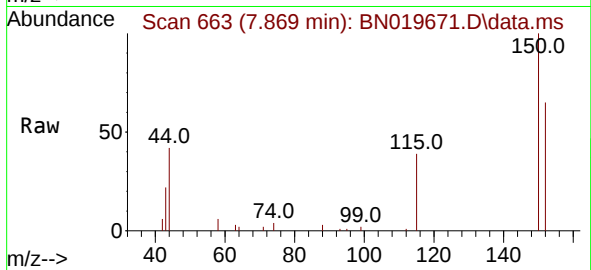
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05/05/2022





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 60
Delta R.T. 0.007 min
Lab File: BN019671.D
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Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FDDL

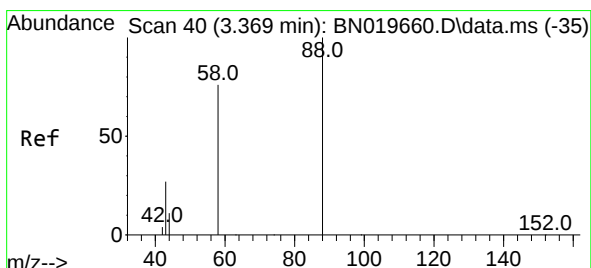
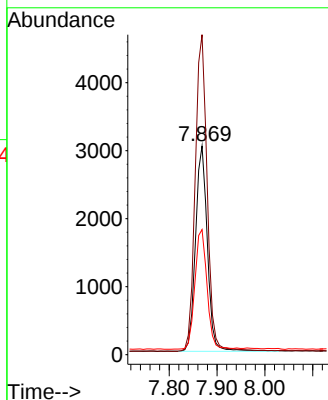
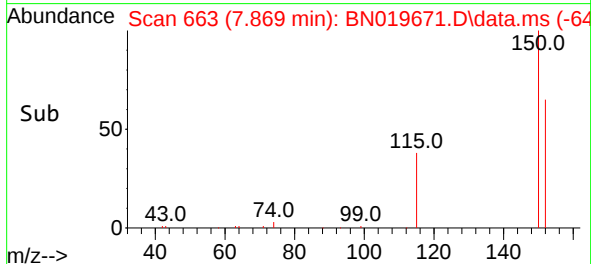


Tgt Ion: 152 Resp: 5189
Ion Ratio Lower Upper
152 100
150 153.3 122.6 183.8
115 60.0 49.0 73.6

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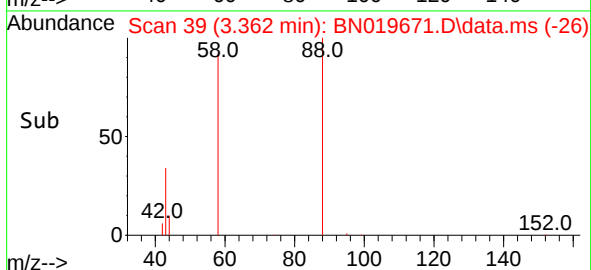
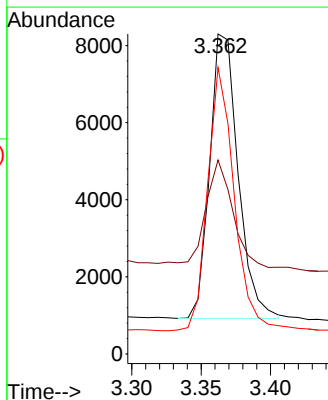
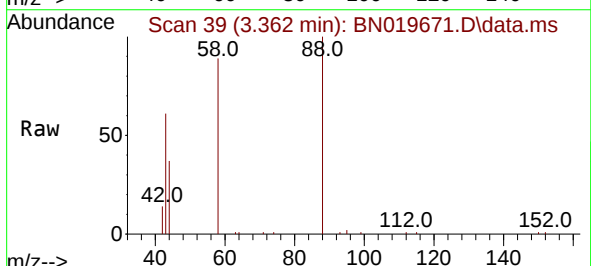
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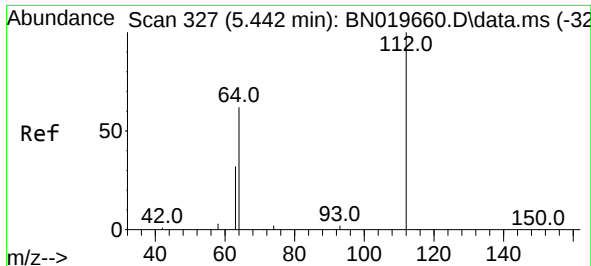
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#2
1,4-Dioxane
Concen: 1.748 ng
RT: 3.362 min Scan# 39
Delta R.T. -0.007 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

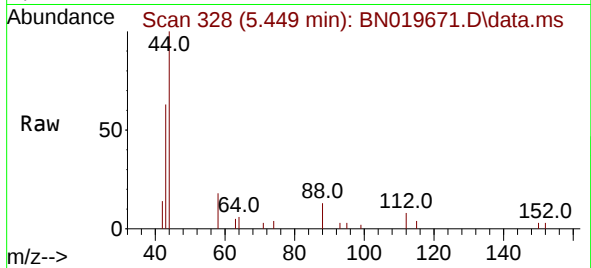
Tgt Ion: 88 Resp: 10505
Ion Ratio Lower Upper
88 100
43 35.6 25.2 37.8
58 86.4 67.6 101.4





#4
2-Fluorophenol
Concen: 0.020 ng
RT: 5.449 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

Instrument :
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MWBR3D-B-480-500-042922-FDDL

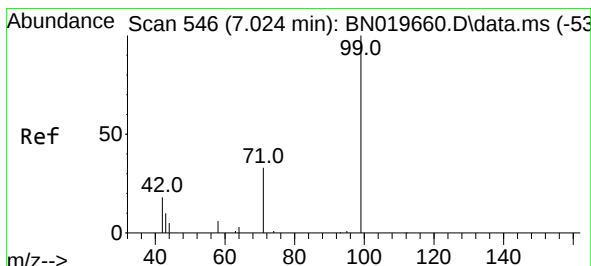
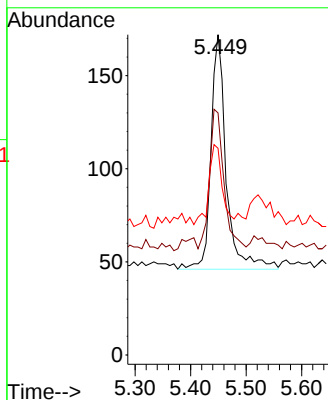
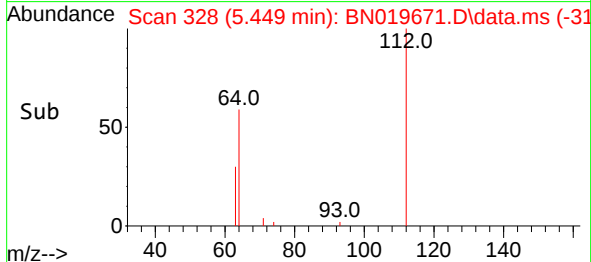


Tgt Ion: 112 Resp: 24
Ion Ratio Lower Upper
112 100
64 56.6 47.3 70.9
63 29.3 24.6 36.8

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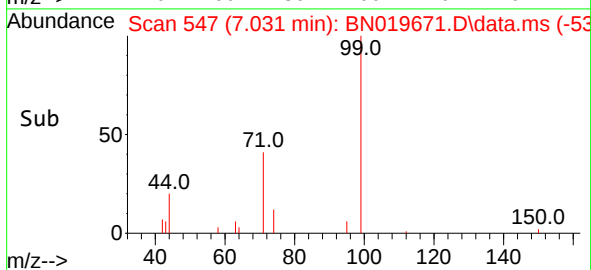
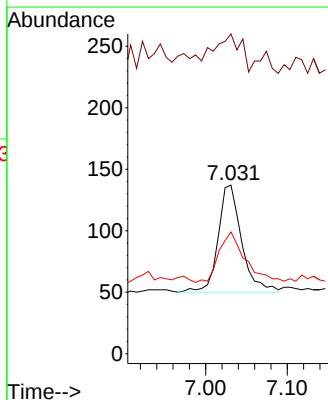
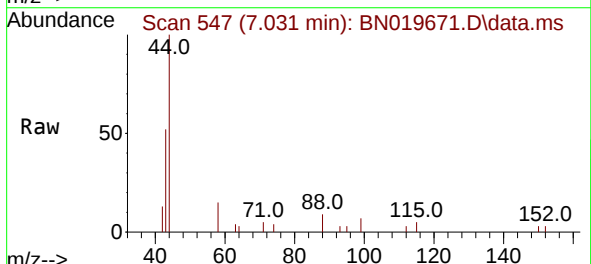
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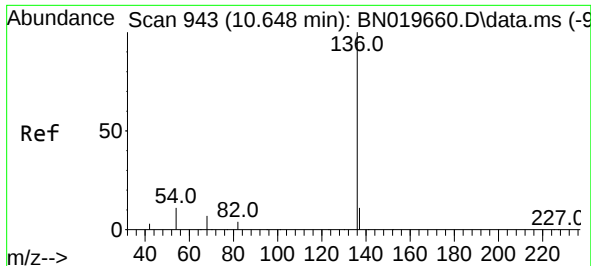
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#5
Phenol-d6
Concen: 0.012 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

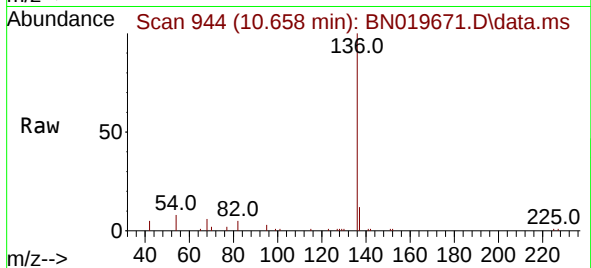
Tgt Ion: 99 Resp: 174
Ion Ratio Lower Upper
99 100
42 34.5 15.8 23.8#
71 52.3 26.5 39.7#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

Instrument :
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ClientSampleId :
MWBR3D-B-480-500-042922-FDDL

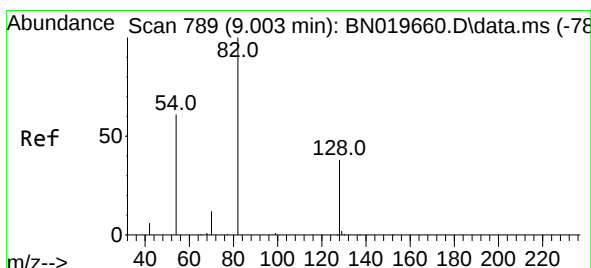
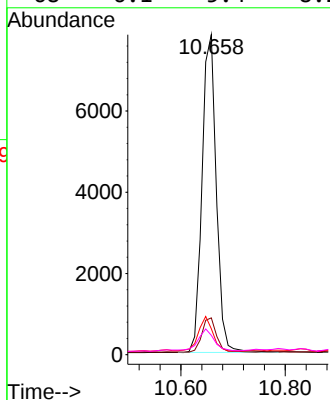
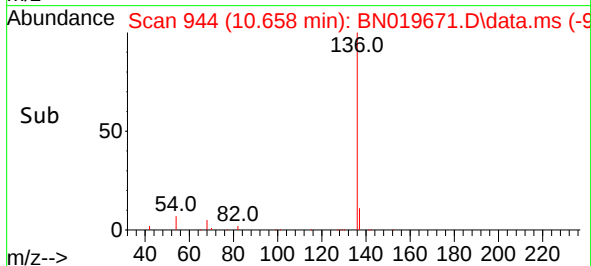


Tgt Ion:136 Resp: 14810
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.1 7.8 11.6
68 6.1 5.4 8.2

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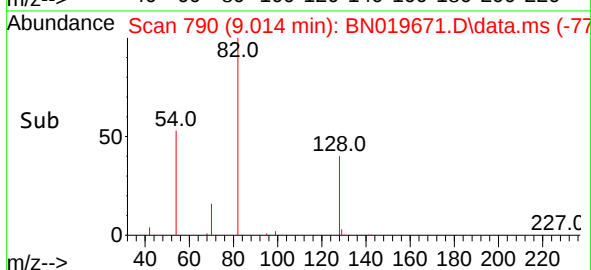
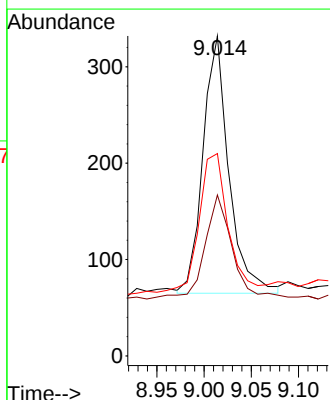
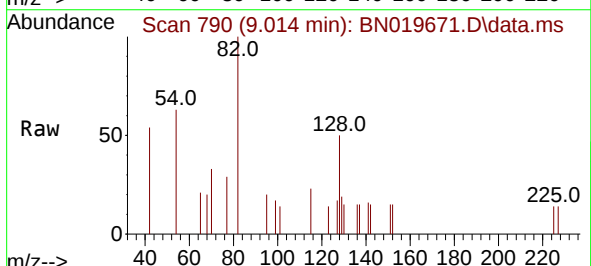
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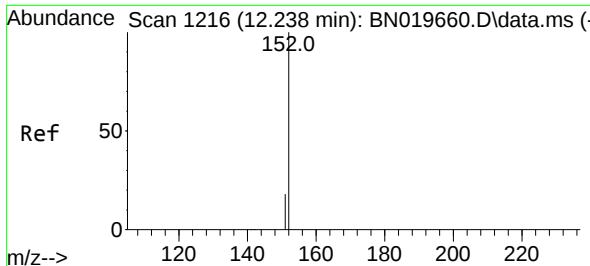
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#8
Nitrobenzene-d5
Concen: 0.042 ng m
RT: 9.014 min Scan# 790
Delta R.T. 0.011 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

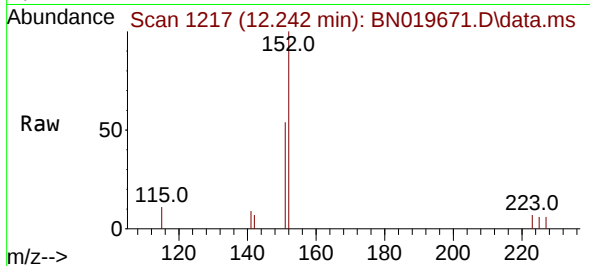
Tgt Ion: 82 Resp: 509
Ion Ratio Lower Upper
82 100
128 50.3 32.4 48.6#
54 63.3 44.4 66.6





#11
2-Methylnaphthalene-d10
Concen: 0.046 ng
RT: 12.242 min Scan# 1110
Delta R.T. 0.004 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

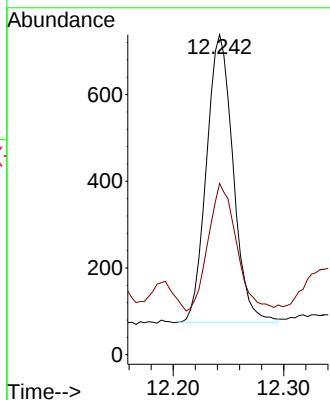
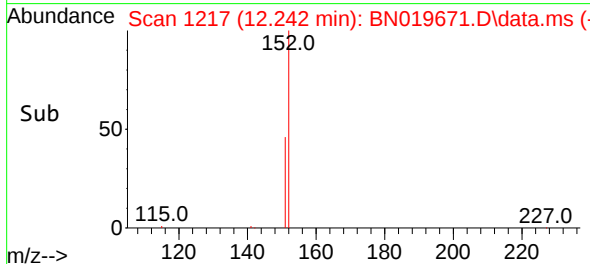
Instrument :
BNA_N
ClientSampleId :
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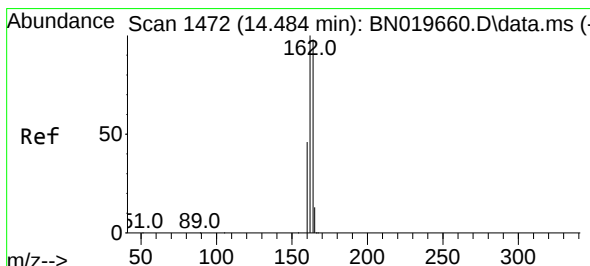
Tgt Ion:152 Resp: 1110
Ion Ratio Lower Upper
152 100
151 46.9 16.2 24.4

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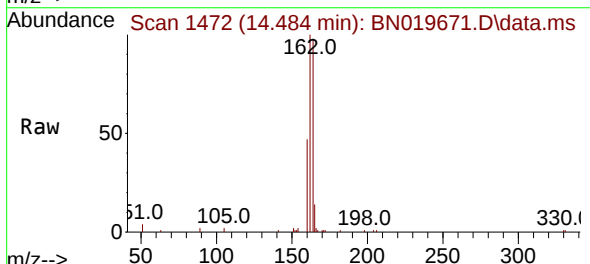
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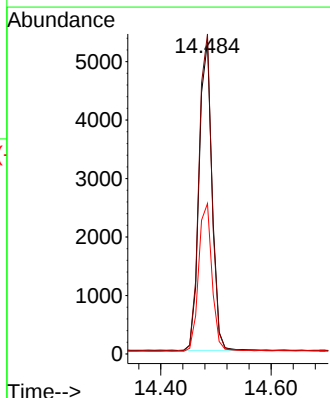
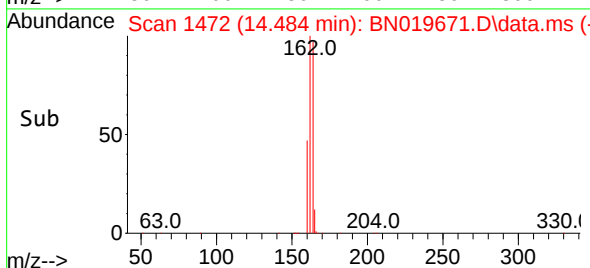
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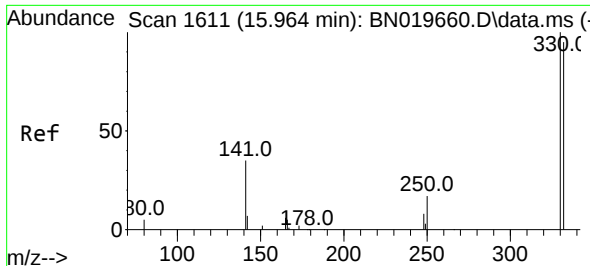


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47



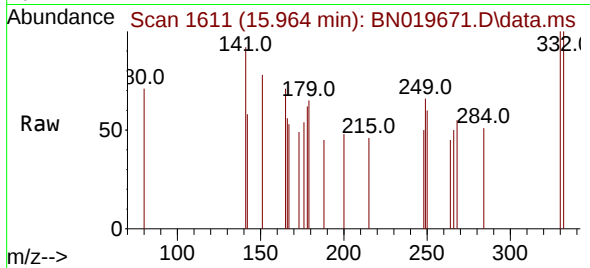
Tgt Ion:164 Resp: 8654
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 48.2 38.3 57.5





#14
2,4,6-Tribromophenol
Concen: 0.031 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FDDL

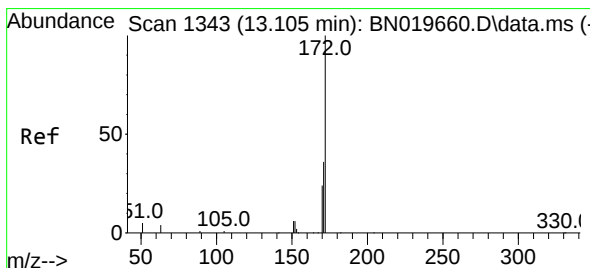
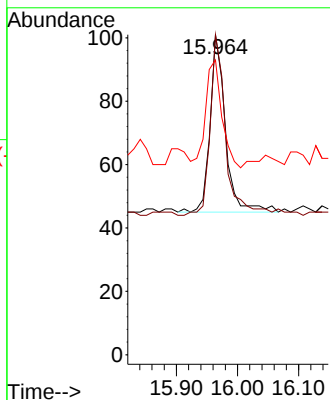
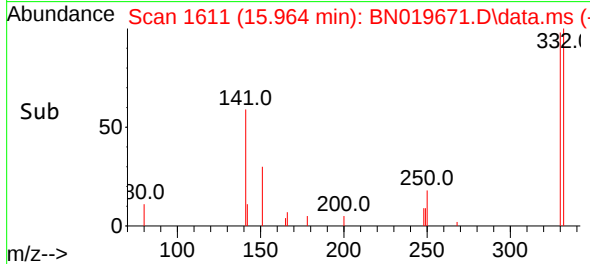


Tgt Ion:330 Resp: 98
Ion Ratio Lower Upper
330 100
332 104.1 76.2 114.4
141 64.3 39.7 59.5

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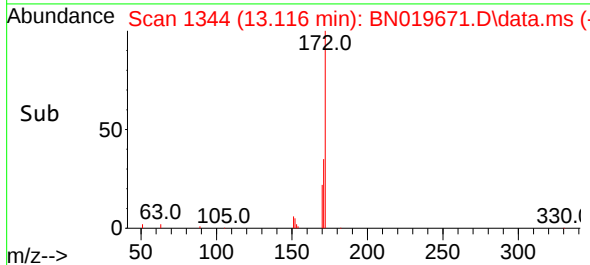
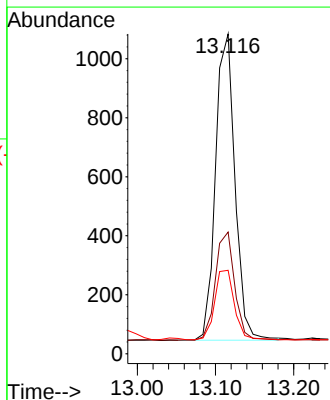
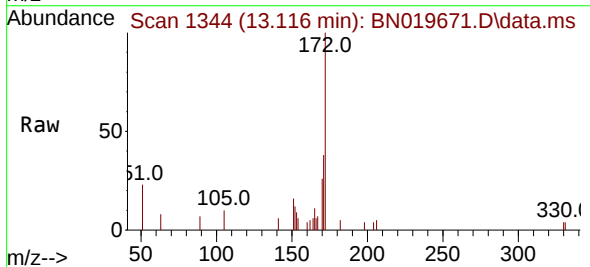
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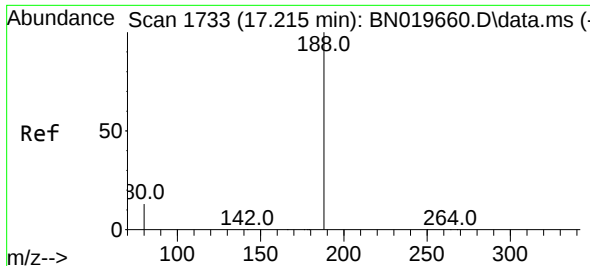
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#15
2-Fluorobiphenyl
Concen: 0.048 ng
RT: 13.116 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

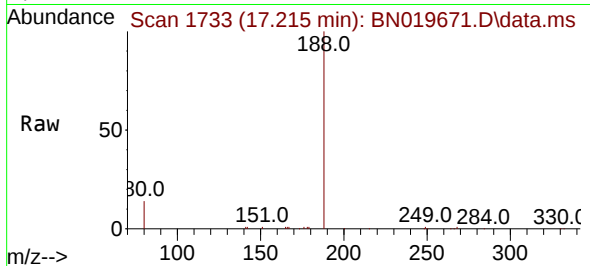
Tgt Ion:172 Resp: 1789
Ion Ratio Lower Upper
172 100
171 38.1 28.0 42.0
170 26.1 19.0 28.4





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BN019671.D
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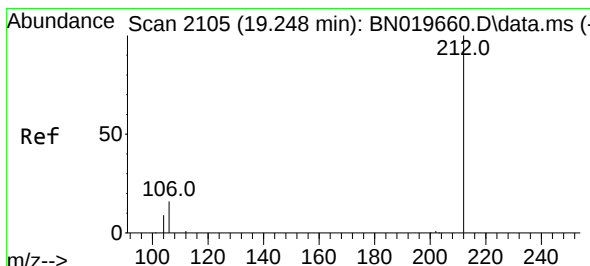
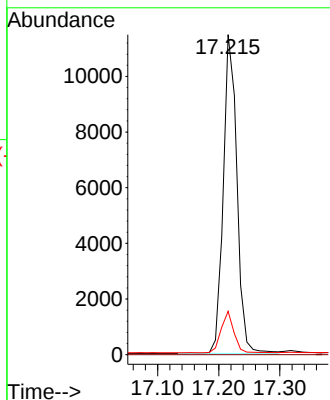
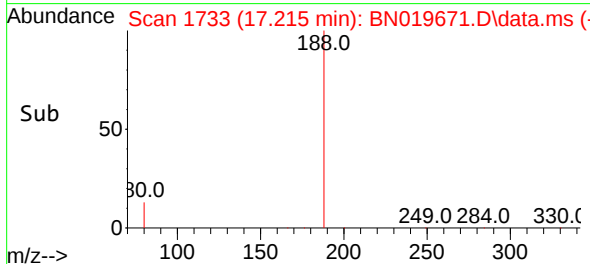


Tgt Ion:188 Resp: 17659
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 8.6 12.8

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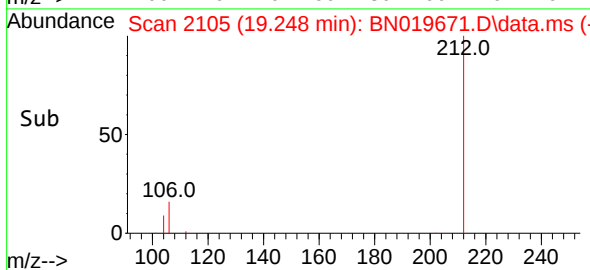
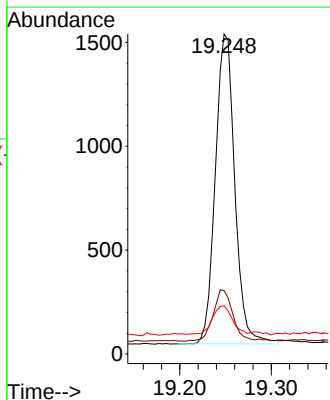
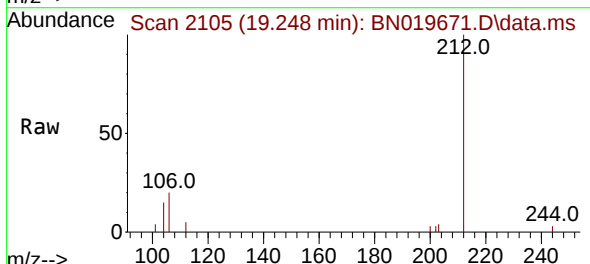
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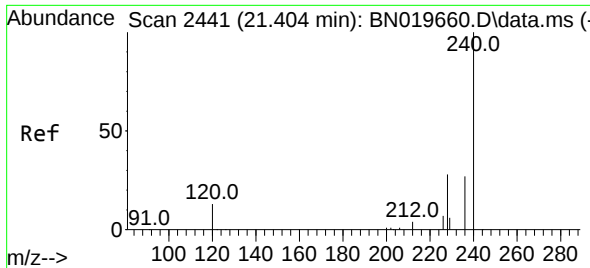
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#27
Fluoranthene-d10
Concen: 0.045 ng
RT: 19.248 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

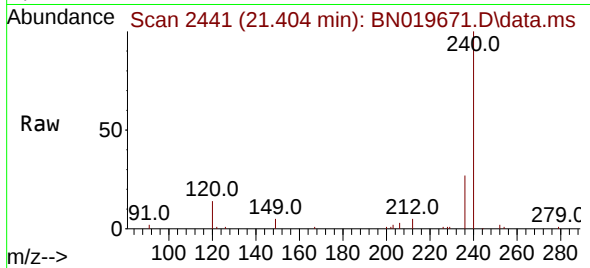
Tgt Ion:212 Resp: 2201
Ion Ratio Lower Upper
212 100
106 16.8 13.5 20.3
104 9.2 7.6 11.4





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

Instrument :
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ClientSampleId :
MWBR3D-B-480-500-042922-FDDL

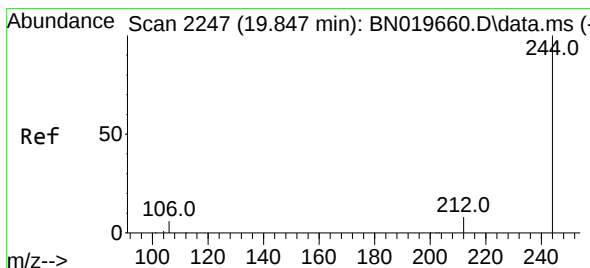
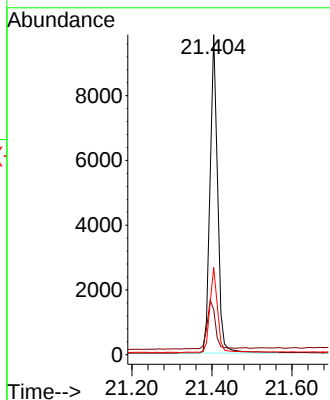
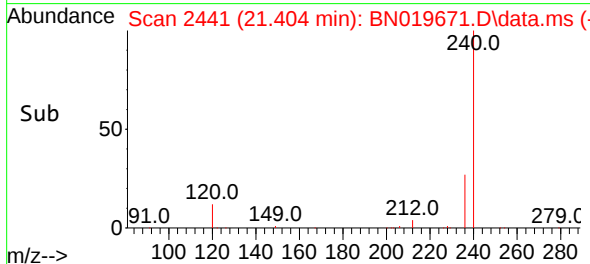


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Ion Ratio Lower Upper
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120 14.1 17.4 26.2
236 27.3 23.0 34.4

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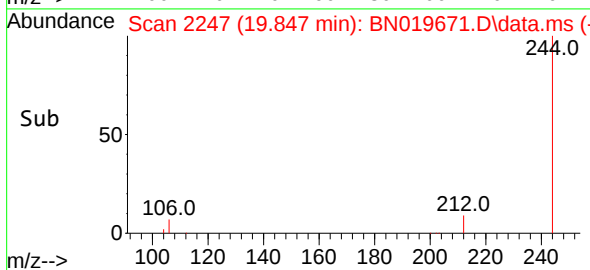
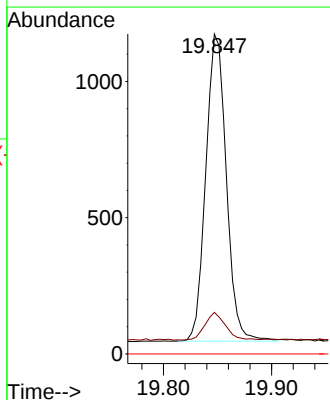
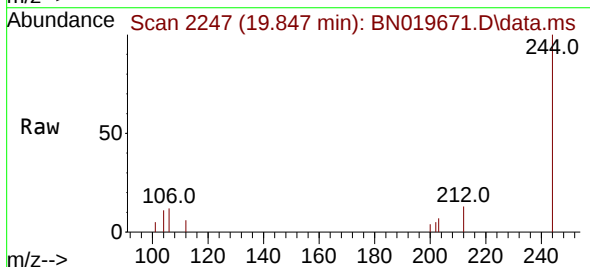
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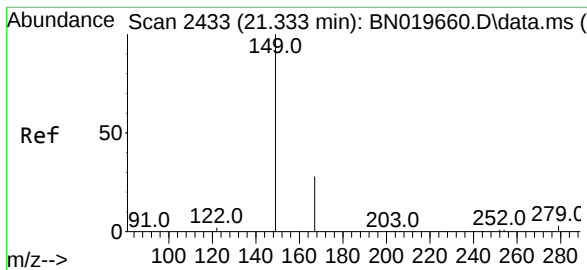
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#31
Terphenyl-d14
Concen: 0.049 ng
RT: 19.847 min Scan# 2247
Delta R.T. -0.000 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

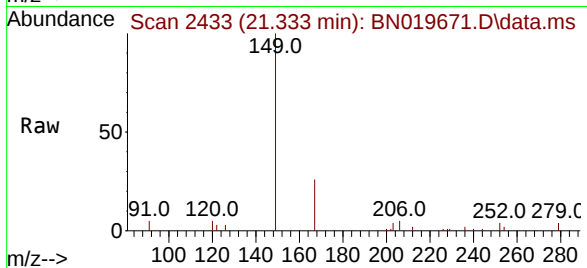
Tgt Ion:244 Resp: 1488
Ion Ratio Lower Upper
244 100
212 13.0 7.6 11.4
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.191 ng
RT: 21.333 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

Instrument :
BNA_N
ClientSampleId :
MWBR3D-B-480-500-042922-FDDL

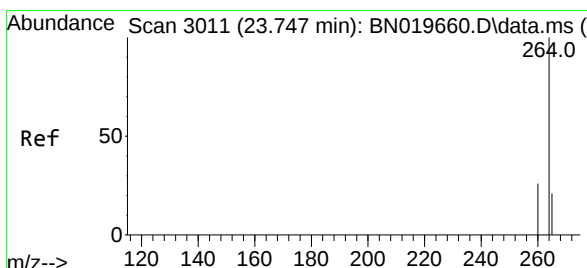
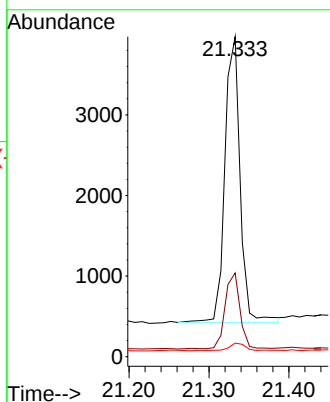
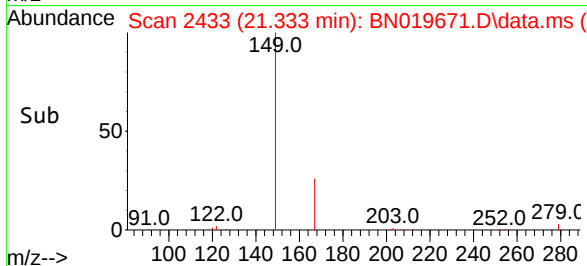


Tgt Ion:149 Resp: 4669
Ion Ratio Lower Upper
149 100
167 26.3 21.7 32.5
279 3.3 2.8 4.2

Manual Integrations
APPROVED

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

Supervised By :Jagrut
Upadhyay
05/05/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.749 min Scan# 3012
Delta R.T. 0.003 min
Lab File: BN019671.D
Acq: 04 May 2022 18:47

Tgt Ion:264 Resp: 9758
Ion Ratio Lower Upper
264 100
260 26.7 21.0 31.6
265 51.6 67.9 101.9#

