

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042120\
 Data File : BN010572.D
 Acq On : 21 Apr 2020 18:33
 Operator : CG/JU
 Sample : L2338-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 AOC22-MW03-20200415

Manual Integrations
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mohammad
 4/24/2020 4:19:45 AM

Quant Time: Apr 21 19:06:42 2020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Apr 21 13:19:17 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	4181	0.40	ng	0.00
7) Naphthalene-d8	10.35	136	16838	0.40	ng	0.00
13) Acenaphthene-d10	14.21	164	18753	0.40	ng	0.00
19) Phenanthrene-d10	16.97	188	45870	0.40	ng	0.01
27) Chrysene-d12	21.19	240	25754	0.40	ng	0.01
34) Perylene-d12	23.36	264	22188	0.40	ng	0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.24	112	3433	0.37	ng	0.00
5) Phenol-d6	6.78	99	1612	0.13	ng	0.00
8) Nitrobenzene-d5	8.72	82	3917m	0.33	ng	-0.01
11) 2-Methylnaphthalene-d10	11.95	152	11145	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.72	330	2879	0.33	ng	0.00
15) 2-Fluorobiphenyl	12.83	172	16074	0.24	ng	-0.01
25) Fluoranthene-d10	19.01	212	33027	0.24	ng	0.00
29) Terphenyl-d14	19.62	244	29736	0.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.24	88	685	0.223	ng	# 1
9) Naphthalene	10.39	128	2901	0.069	ng	# 9
17) Acenaphthene	14.28	154	5513	0.106	ng	# 56
18) Fluorene	15.27	166	4669	0.068	ng	# 19
22) Pentachlorophenol	16.63	266	323	0.028	ng	# 81
24) Anthracene	17.10	178	11696	0.103	ng	# 1
32) Bis(2-ethylhexyl)phthalate	21.12	149	6551	0.152	ng	# 86

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

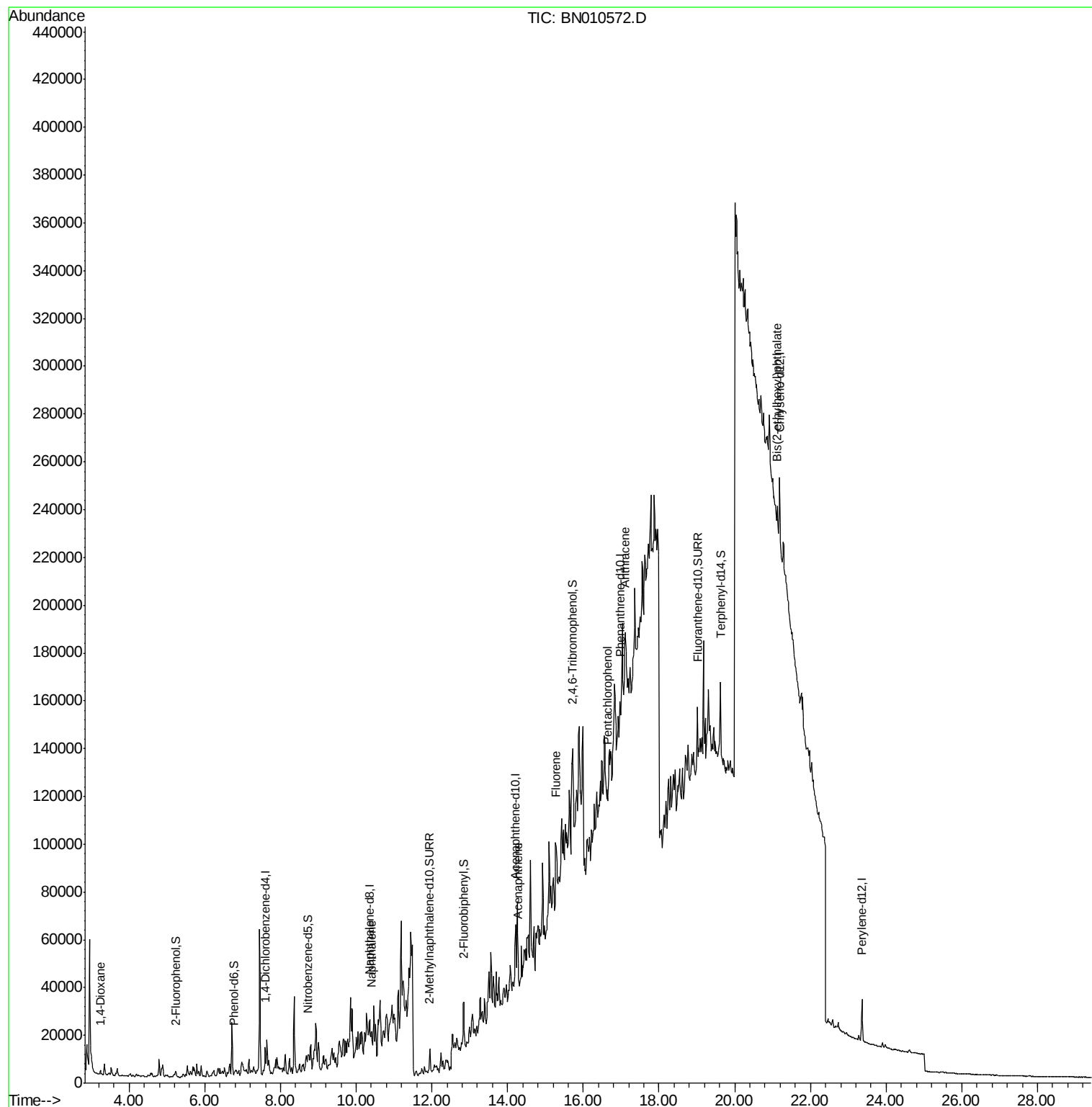
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042120\
Data File : BN010572.D
Acq On : 21 Apr 2020 18:33
Operator : CG/JU
Sample : L2338-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

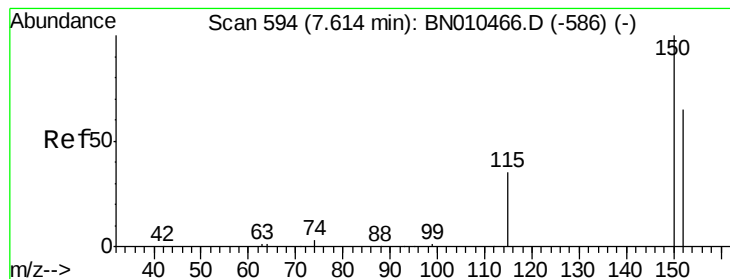
Instrument :
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AOC22-MW03-20200415

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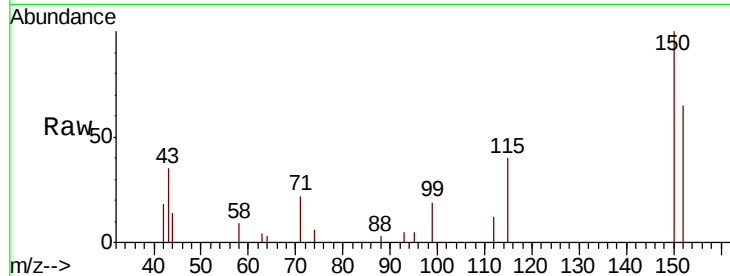
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.60 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BN010572.D
 Acq: 21 Apr 2020 18:33

Instrument :
 BNA_N
 ClientSampleId :
 AOC22-MW03-20200415

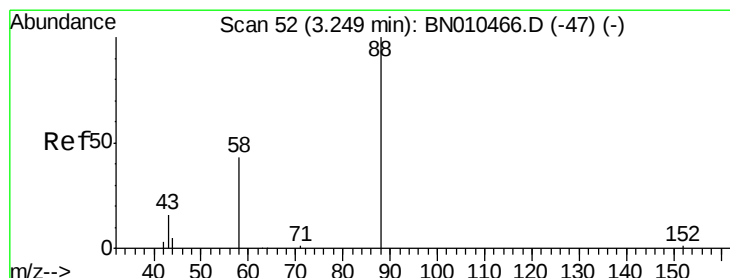
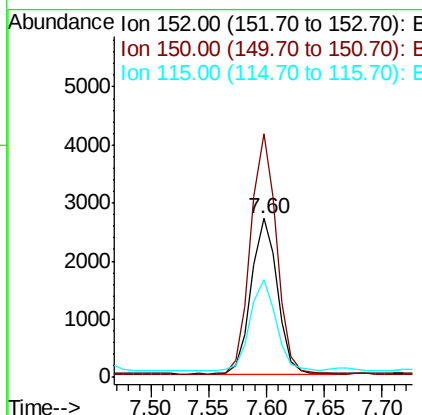
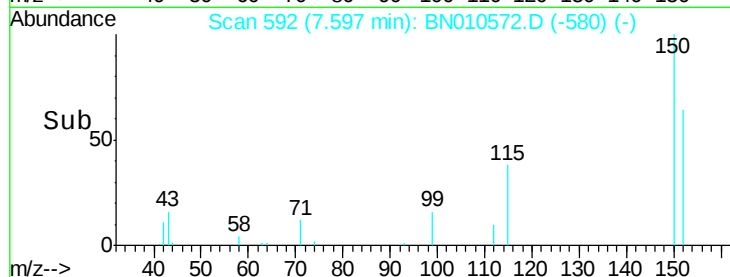
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.8	182.6
115	61.4	45.5	68.3

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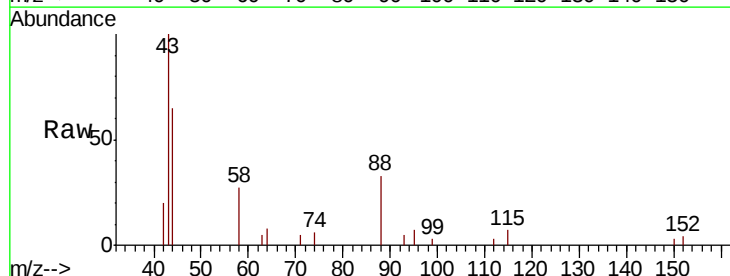


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

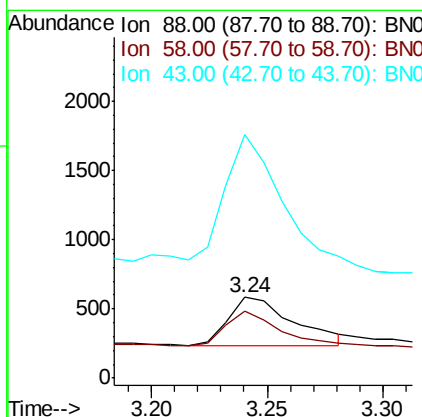
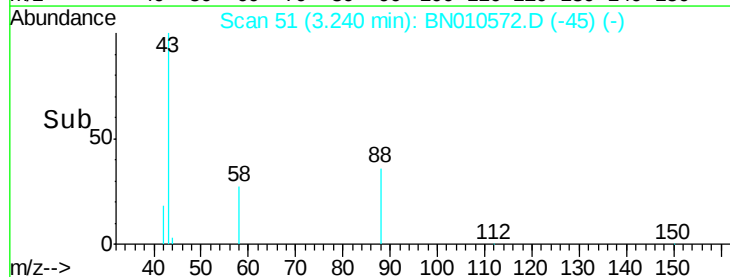


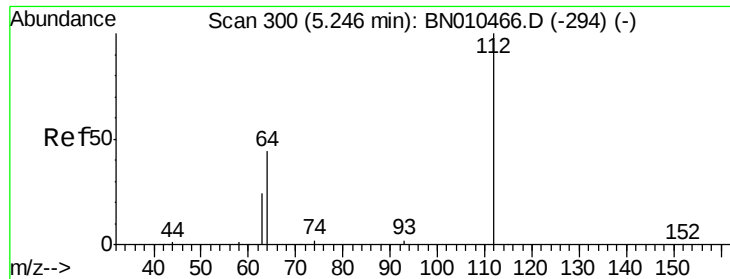
#2
 1,4-Dioxane
 Concen: 0.223 ng
 RT: 3.24 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: BN010572.D
 Acq: 21 Apr 2020 18:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.0	36.5	54.7#
43	207.4	13.2	19.8#



Abundance Ion 88.00 (87.70 to 88.70): BNC
 Ion 58.00 (57.70 to 58.70): BNC
 Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.375 ng

RT: 5.24 min Scan# 299

Delta R.T. 0.00 min

Lab File: BN010572.D

Acq: 21 Apr 2020 18:33

Instrument :

BNA_N

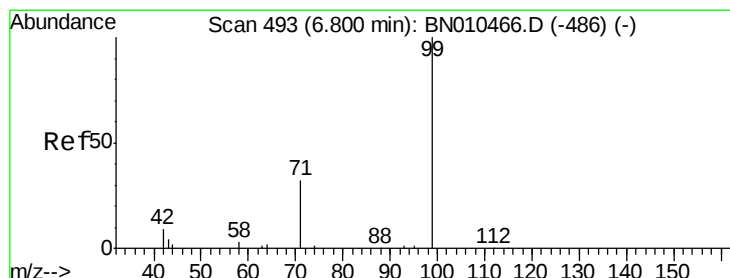
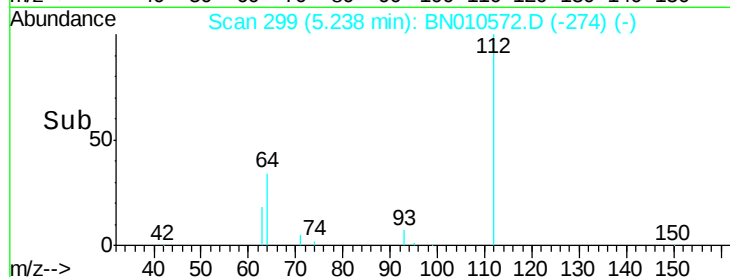
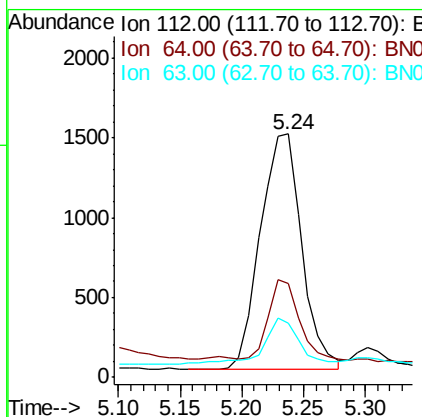
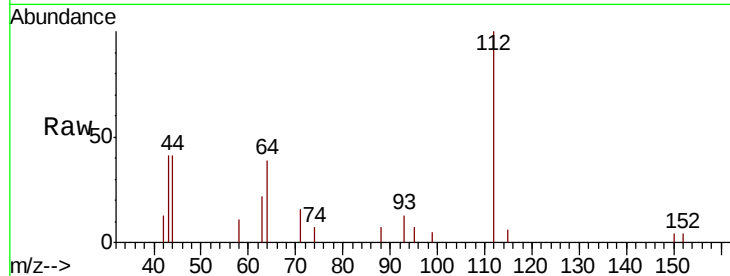
ClientSampleId :

AOC22-MW03-20200415

Tot Ion:	112	Resp:	3433
Ion Ratio	Lower	Upper	
112	100		
64	25.5	35.8	53.8#
63	17.3	19.9	29.9#

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#5

Phenol-d6

Concen: 0.135 ng

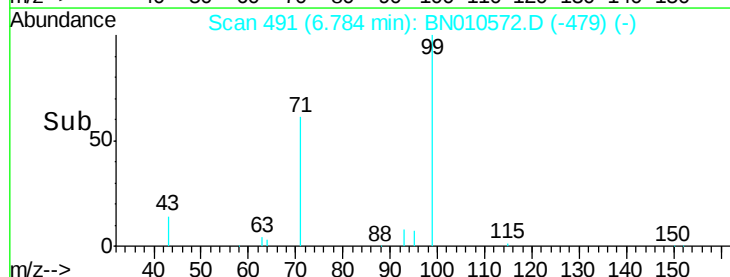
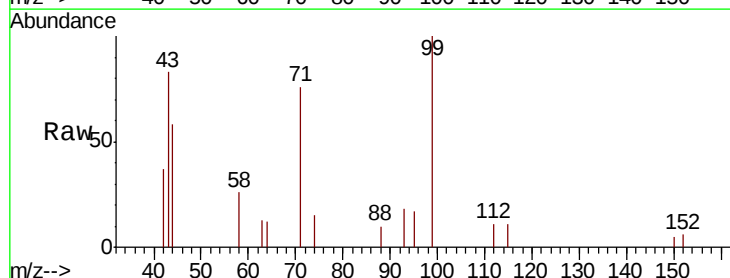
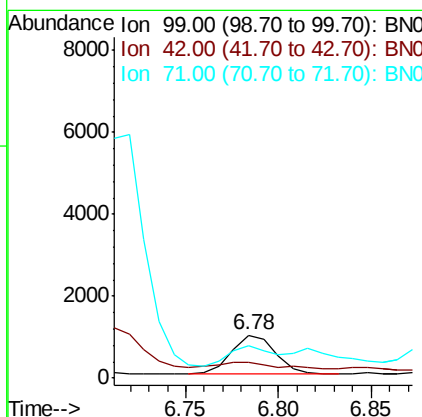
RT: 6.78 min Scan# 491

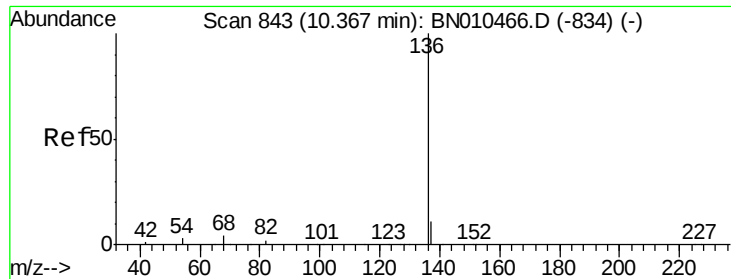
Delta R.T. 0.00 min

Lab File: BN010572.D

Acq: 21 Apr 2020 18:33

Tgt Ion:	99	Resp:	1612
Ion Ratio	Lower	Upper	
99	100		
42	18.7	9.8	14.6#
71	49.3	27.8	41.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.35 min Scan# 842

Delta R.T. 0.00 min

Lab File: BN010572.D

Acq: 21 Apr 2020 18:33

Instrument :

BNA_N

ClientSampleId :

AOC22-MW03-20200415

Tot Ion:136 Resp: 16838

Ion Ratio Lower Upper

136 100

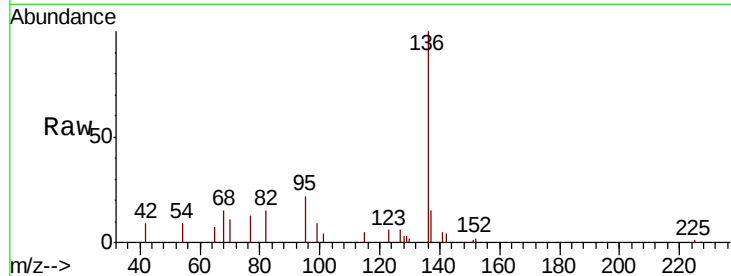
137 14.5 8.9 13.3#

54 8.8 2.6 4.0#

68 14.7 3.4 5.2#

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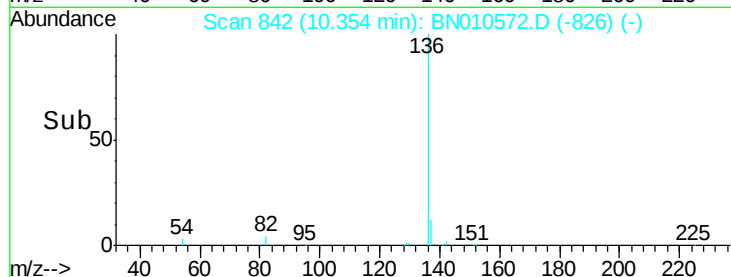
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

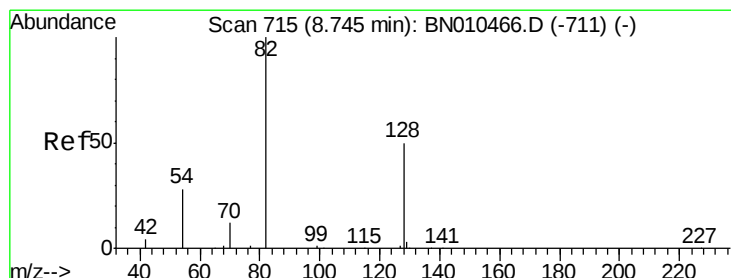
Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC

Time-->



Time-->



#8

Nitrobenzene-d5

Concen: 0.333 ng m

RT: 8.72 min Scan# 713

Delta R.T. -0.01 min

Lab File: BN010572.D

Acq: 21 Apr 2020 18:33

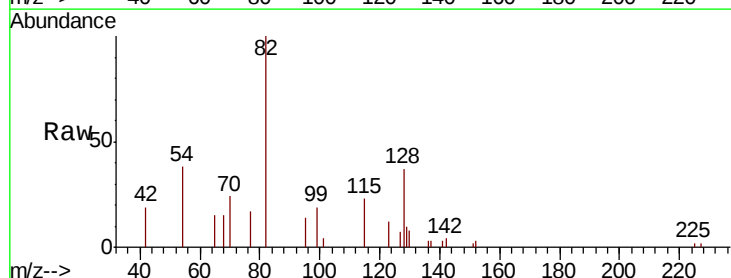
Tgt Ion: 82 Resp: 3917

Ion Ratio Lower Upper

82 100

128 37.3 41.3 61.9#

54 38.2 23.4 35.0#

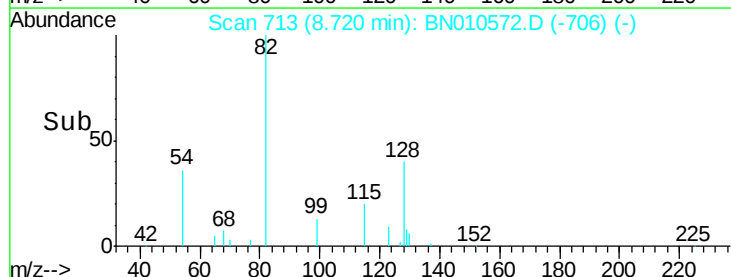


Abundance Ion 82.00 (81.70 to 82.70): BNC

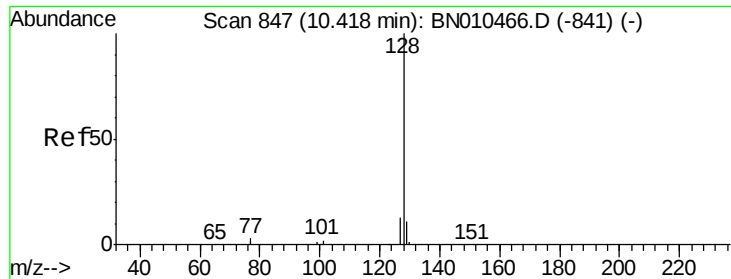
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

Time-->



Time-->



#9

Naphthalene

Concen: 0.069 ng

RT: 10.39 min Scan# 845

Delta R.T. -0.01 min

Lab File: BN010572.D

Acq: 21 Apr 2020 18:33

Instrument :

BNA_N

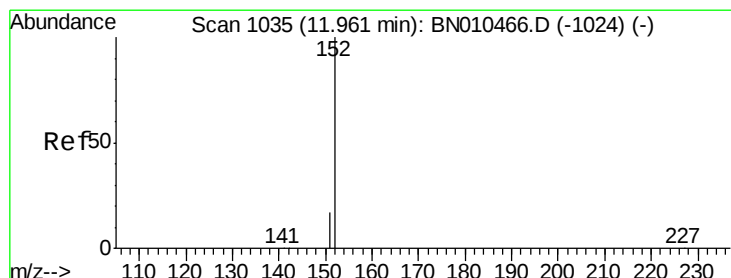
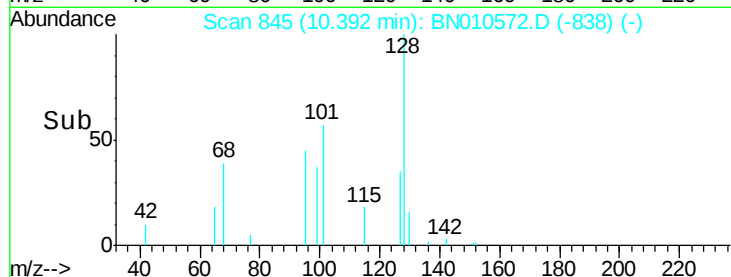
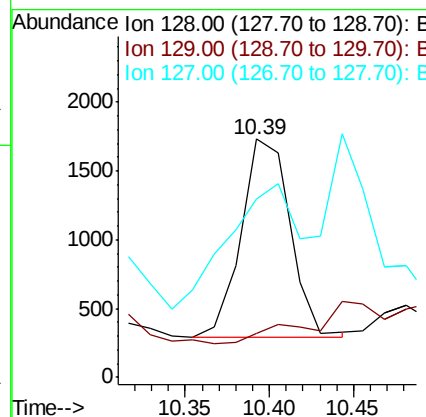
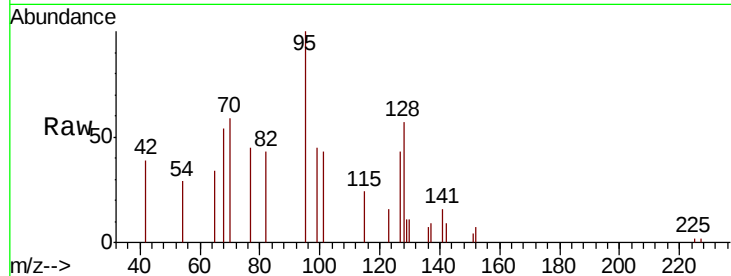
ClientSampleId :

AOC22-MW03-20200415

Tot Ion:	128	Resp:	2901
Ion Ratio	Lower	Upper	
128	100		
129	18.7	9.3	13.9#
127	74.8	10.5	15.7#

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#11

2-Methylnaphthalene-d10

Concen: 0.403 ng

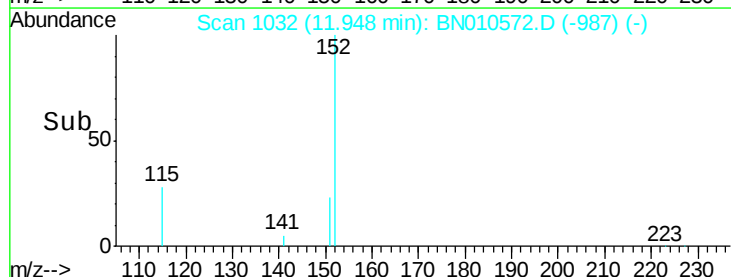
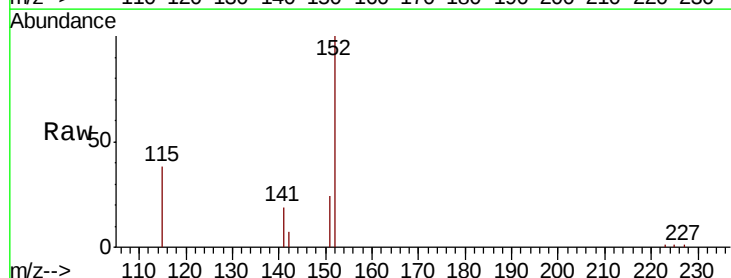
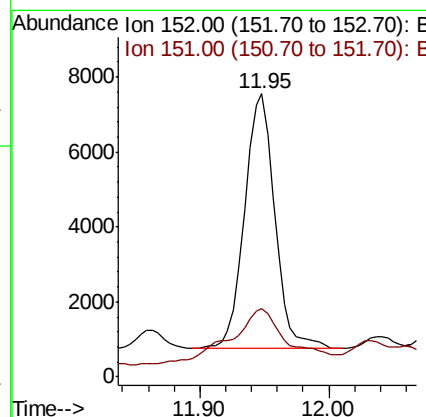
RT: 11.95 min Scan# 1032

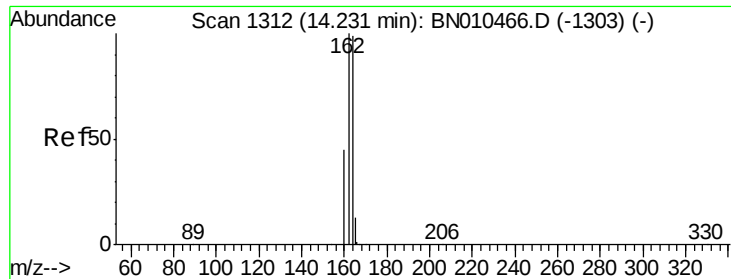
Delta R.T. 0.00 min

Lab File: BN010572.D

Acq: 21 Apr 2020 18:33

Tgt Ion:	152	Resp:	11145
Ion Ratio	Lower	Upper	
152	100		
151	43.0	15.3	22.9#





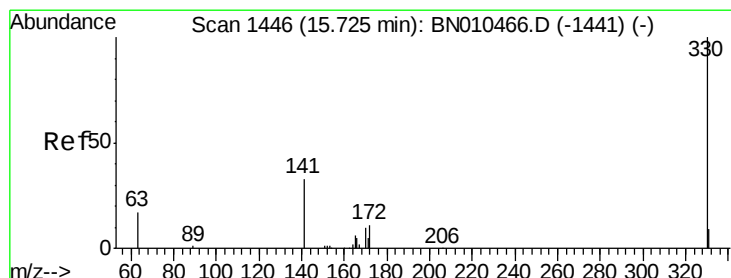
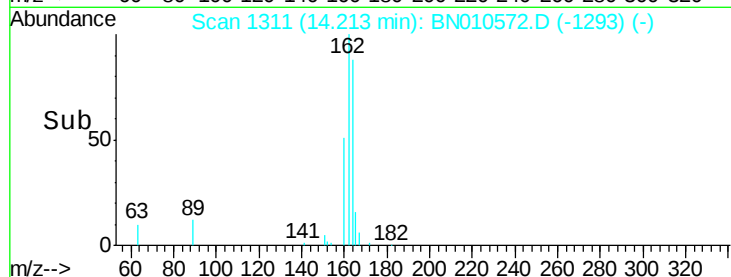
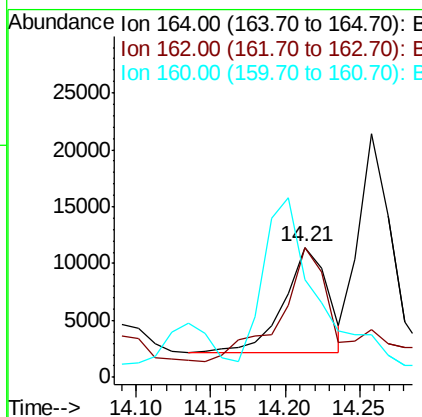
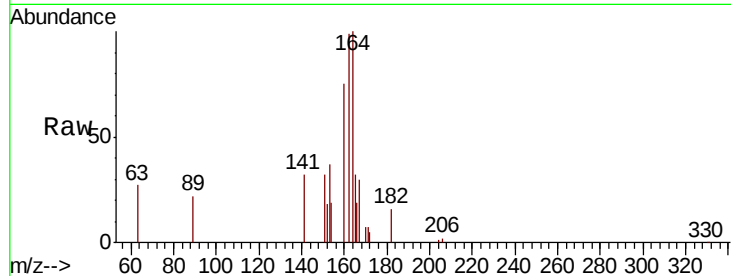
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BN010572.D
Acq: 21 Apr 2020 18:33

Instrument :
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ClientSampleId :
AOC22-MW03-20200415

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.5	80.6	121.0
160	74.5	36.5	54.7#

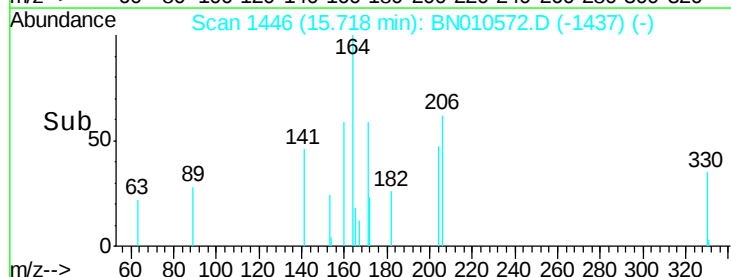
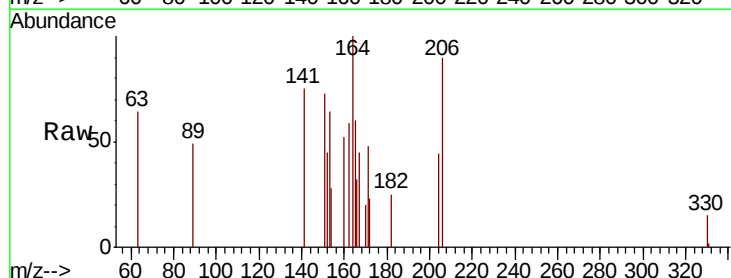
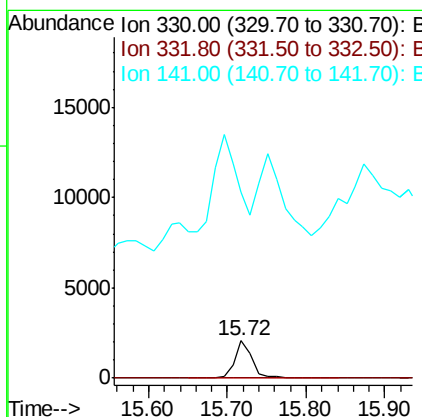
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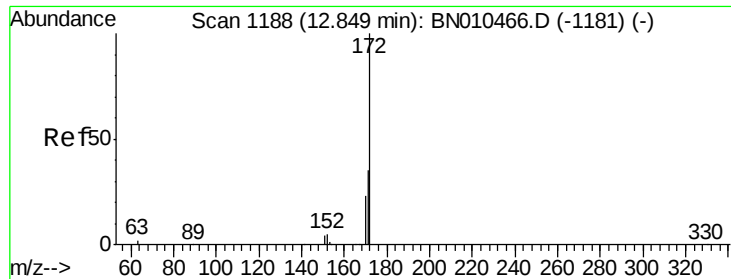
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#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.72 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BN010572.D
Acq: 21 Apr 2020 18:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	28.1	42.1#





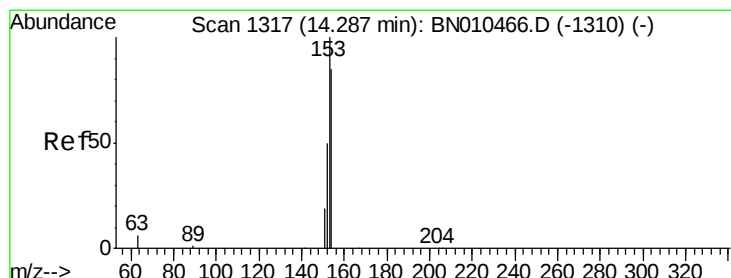
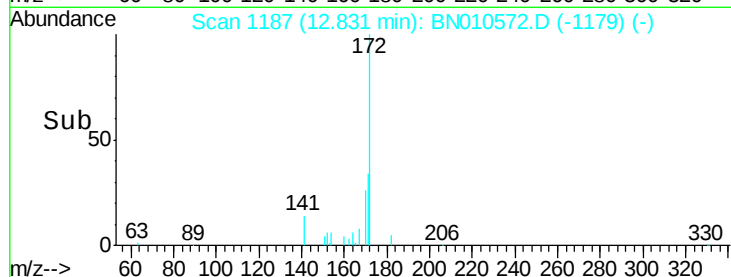
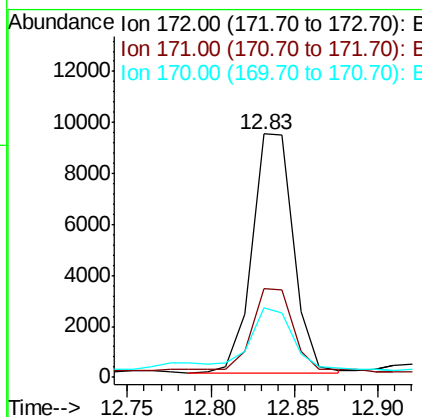
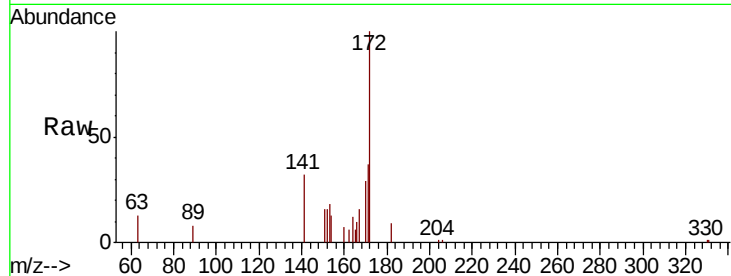
#15
2-Fluorobiphenyl
Concen: 0.236 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN010572.D
Acq: 21 Apr 2020 18:33

Instrument :
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AOC22-MW03-20200415

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.2	42.2
170	28.7	18.4	27.6

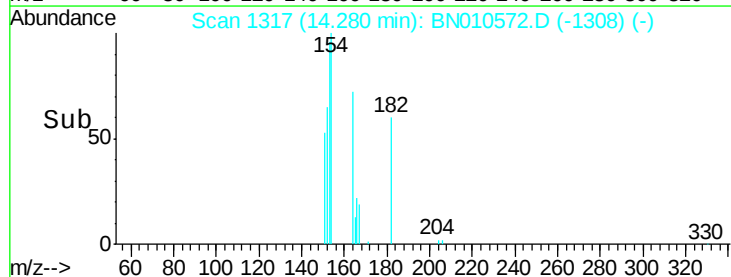
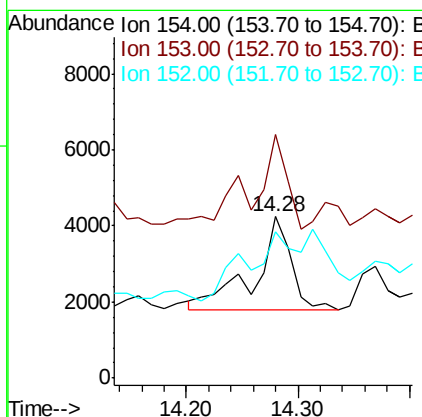
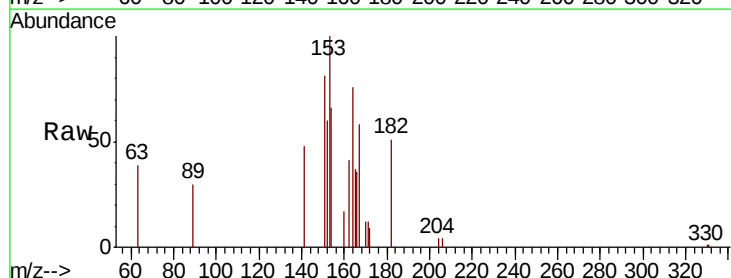
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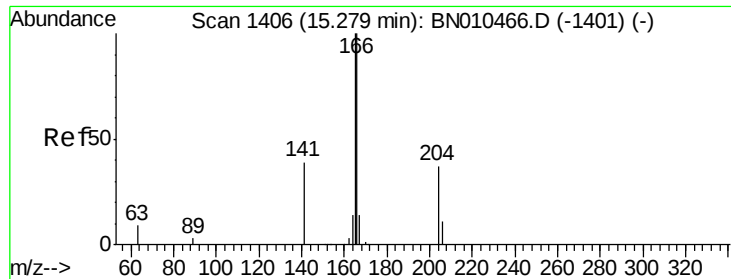
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#17
Acenaphthene
Concen: 0.106 ng
RT: 14.28 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BN010572.D
Acq: 21 Apr 2020 18:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	77.7	91.0	136.4
152	104.7	44.6	67.0





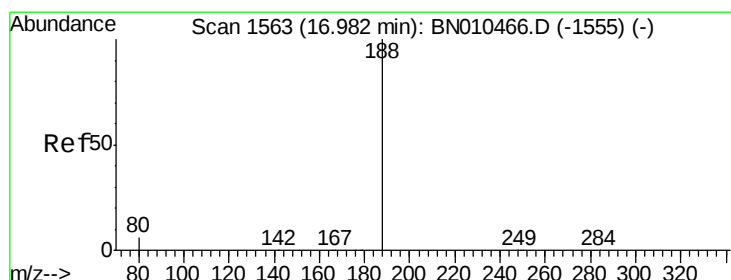
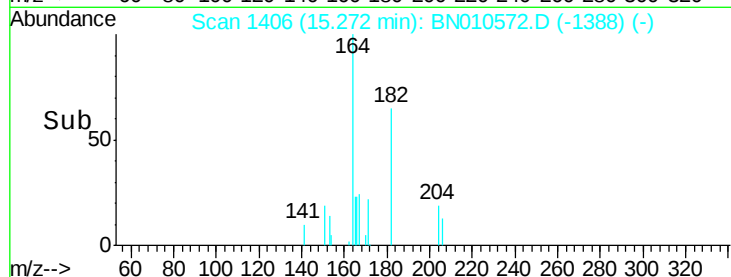
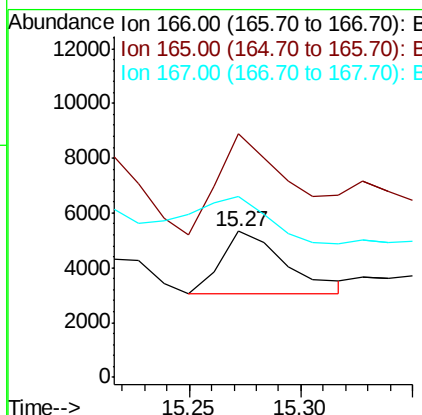
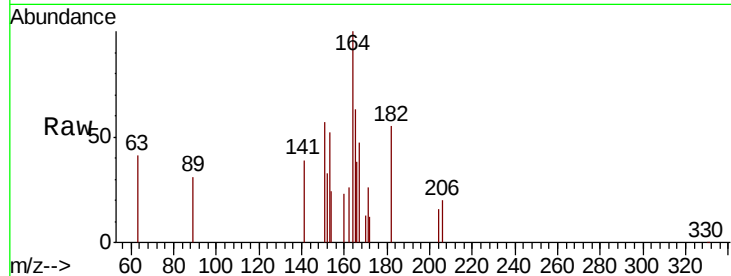
#18
Fluorene
 Concen: 0.068 ng
 RT: 15.27 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BN010572.D
 Acq: 21 Apr 2020 18:33

Instrument :
 BNA_N
 ClientSampleId :
 AOC22-MW03-20200415

Tot Ion	Ratio	Lower	Upper
166	100		
165	166.0	78.4	117.6#
167	83.1	10.9	16.3#

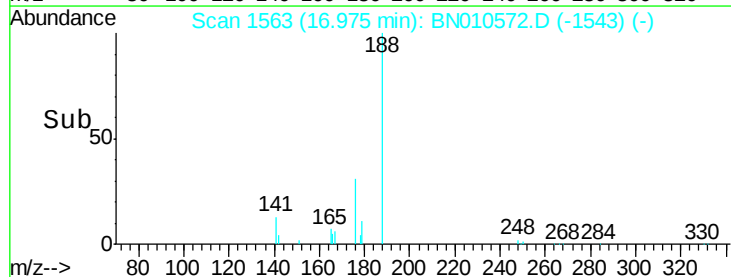
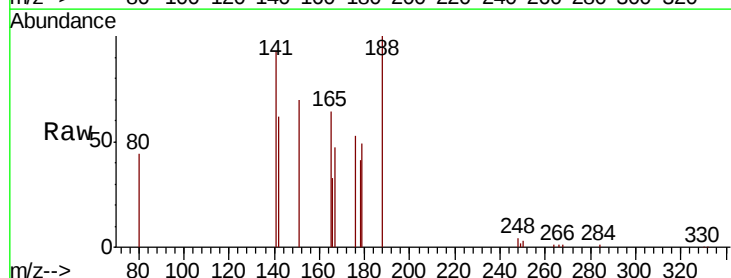
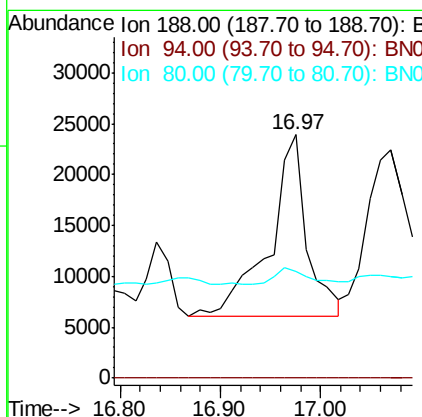
Manual Integrations
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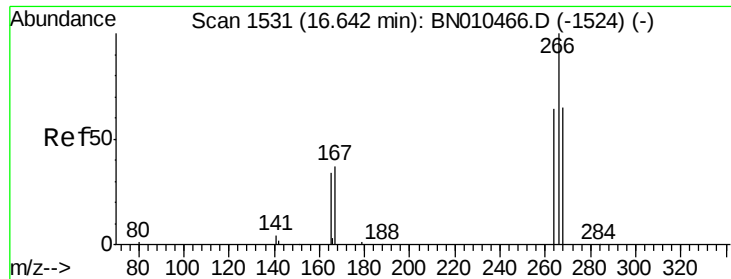
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#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.97 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: BN010572.D
 Acq: 21 Apr 2020 18:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	43.6	5.0	7.6#





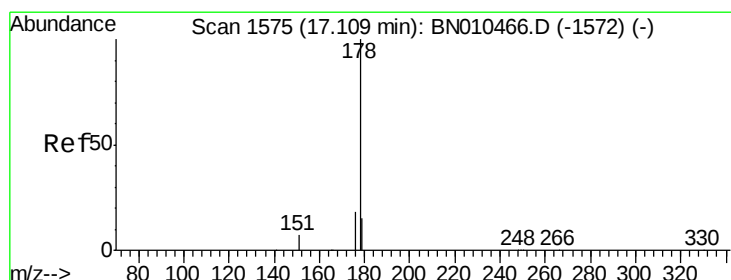
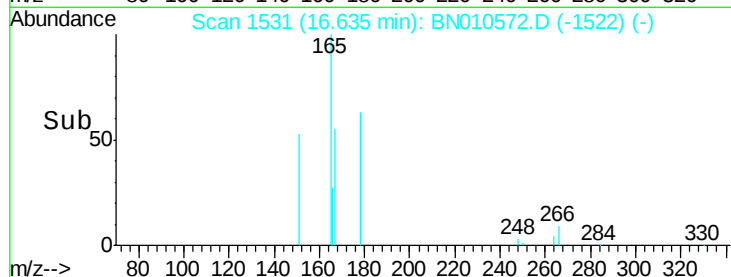
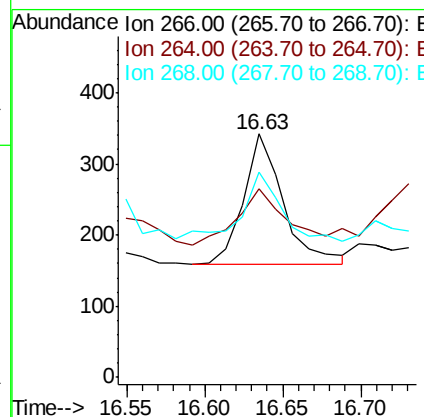
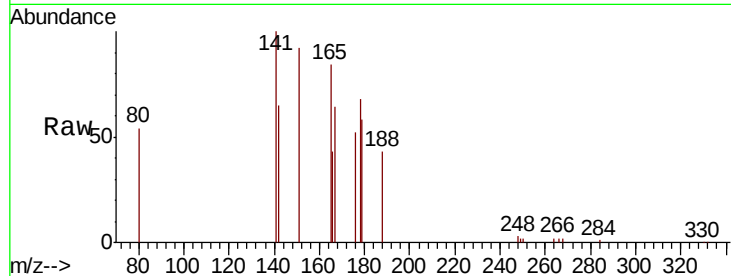
#22
 Pentachlorophenol
 Concen: 0.028 ng
 RT: 16.63 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: BN010572.D
 Acq: 21 Apr 2020 18:33

Instrument :
 BNA_N
 ClientSampleId :
 AOC22-MW03-20200415

Tot Ion	Ratio	Lower	Upper
266	100		
264	77.8	51.8	77.6#
268	84.5	53.7	80.5#

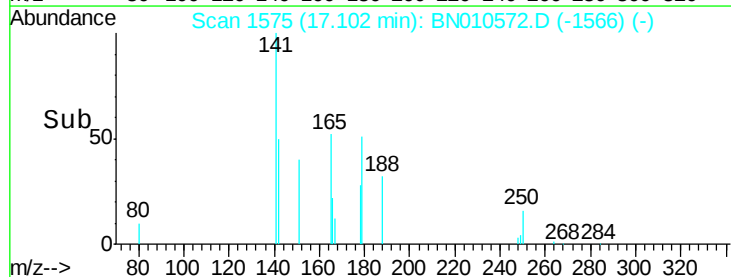
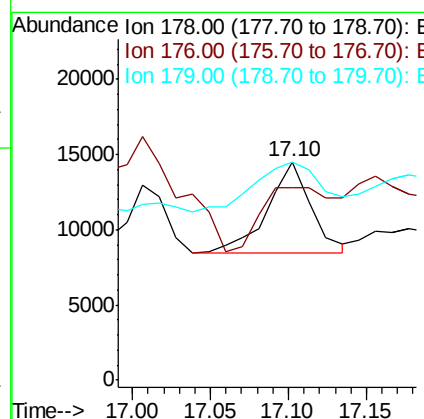
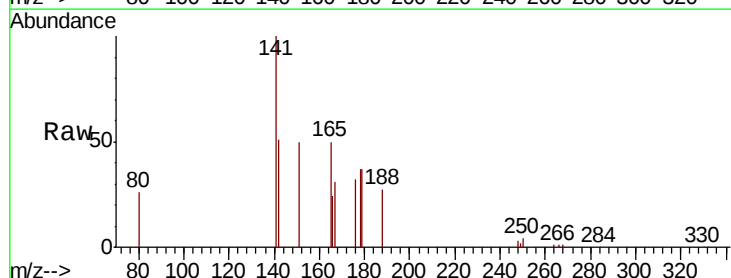
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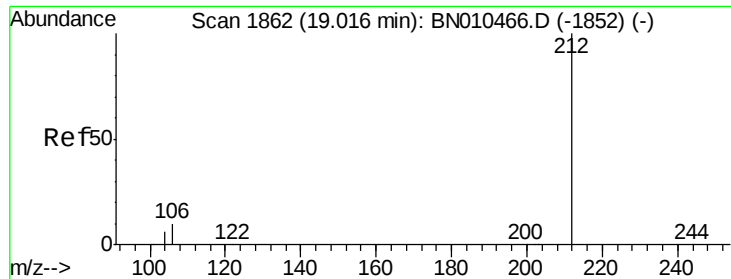
mohammad
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#24
 Anthracene
 Concen: 0.103 ng
 RT: 17.10 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: BN010572.D
 Acq: 21 Apr 2020 18:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	103.7	14.6	21.8#
179	84.6	12.2	18.2#





#25

Fluoranthene-d10

Concen: 0.237 ng

RT: 19.01 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BN010572.D

Acq: 21 Apr 2020 18:33

Instrument :

BNA_N

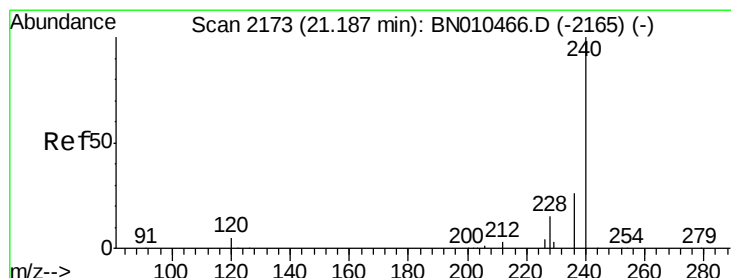
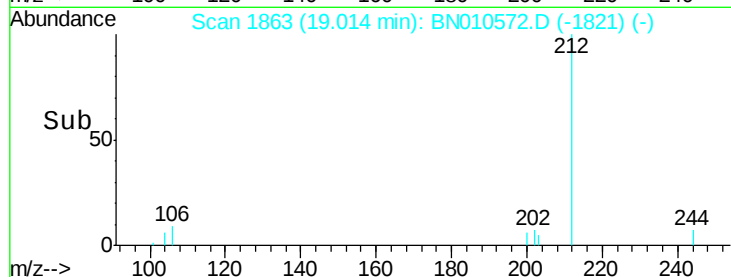
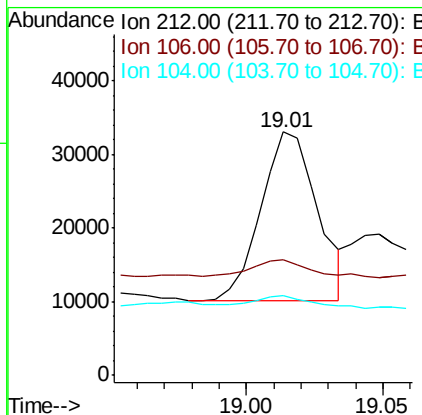
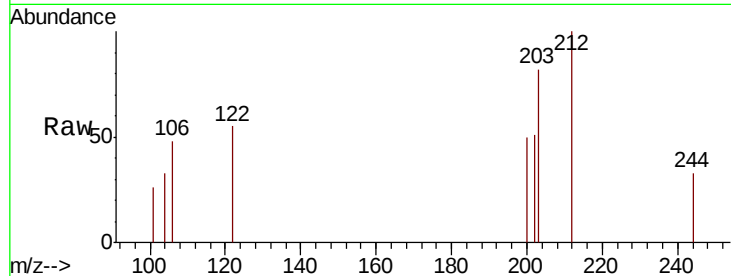
ClientSampleId :

AOC22-MW03-20200415

Tot Ion	Ratio	Lower	Upper
212	100		
106	11.8	7.8	11.6#
104	8.4	4.5	6.7#

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#27

Chrysene-d12

Concen: 0.400 ng

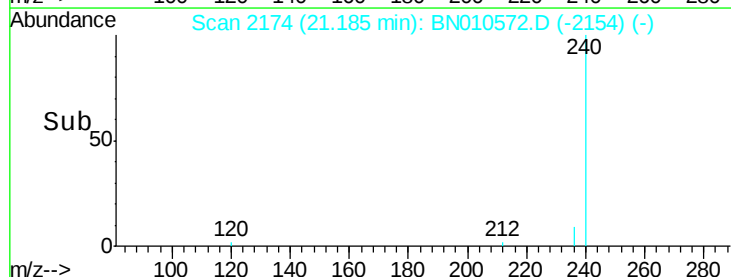
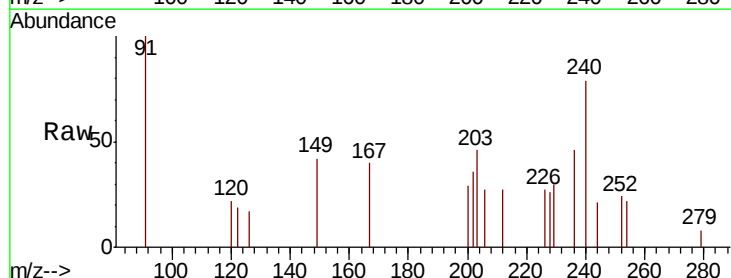
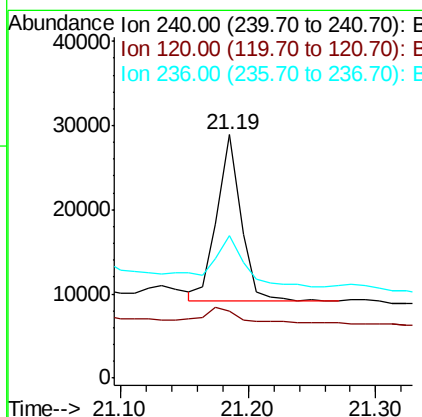
RT: 21.19 min Scan# 2174

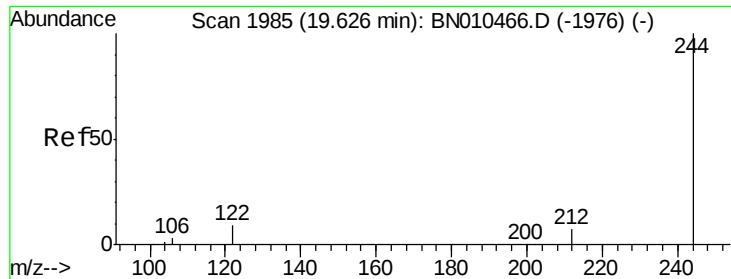
Delta R.T. 0.01 min

Lab File: BN010572.D

Acq: 21 Apr 2020 18:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	27.6	4.8	7.2#
236	58.5	21.4	32.0#





#29

Terphenyl-d14

Concen: 0.504 ng

RT: 19.62 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BN010572.D

Acq: 21 Apr 2020 18:33

Instrument :

BNA_N

ClientSampleId :

AOC22-MW03-20200415

Tot Ion:244 Resp: 29736

Ion Ratio Lower Upper

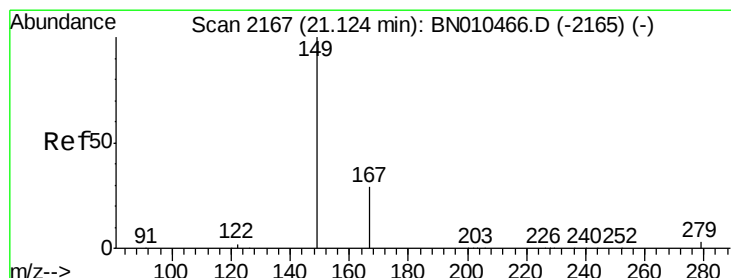
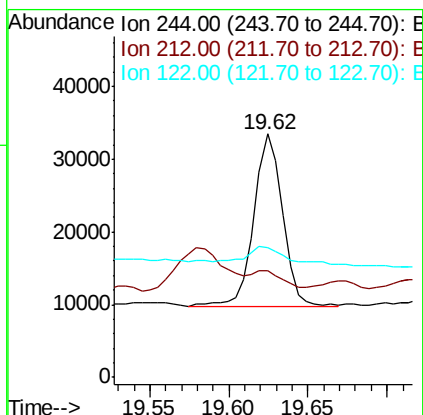
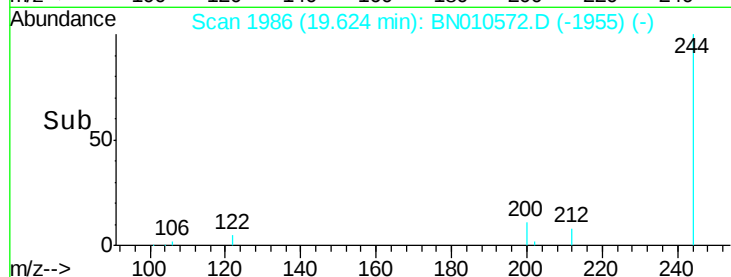
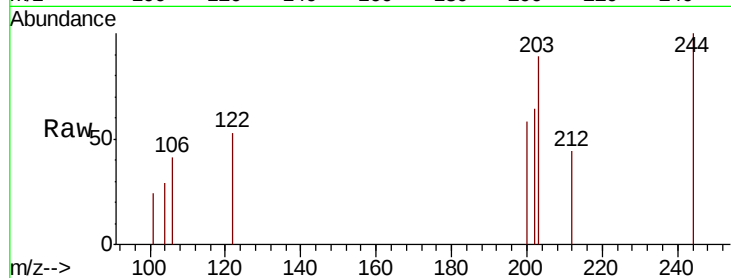
244 100

212 44.1 6.2 9.4#

122 53.2 7.8 11.8#

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.152 ng

RT: 21.12 min Scan# 2168

Delta R.T. 0.01 min

Lab File: BN010572.D

Acq: 21 Apr 2020 18:33

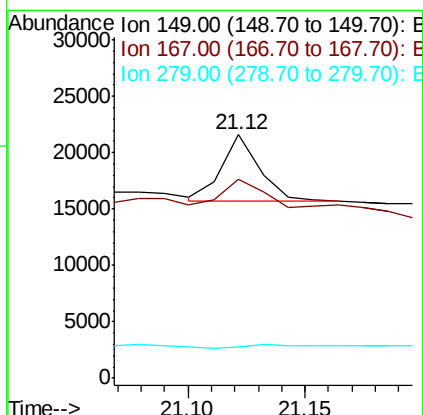
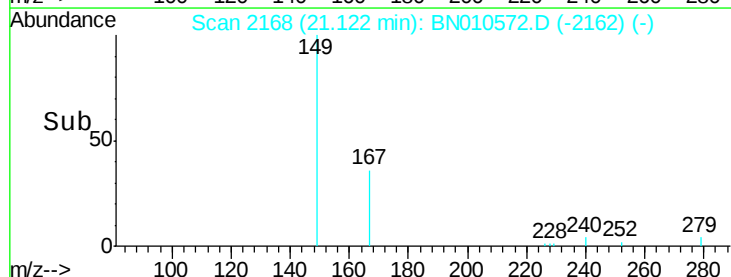
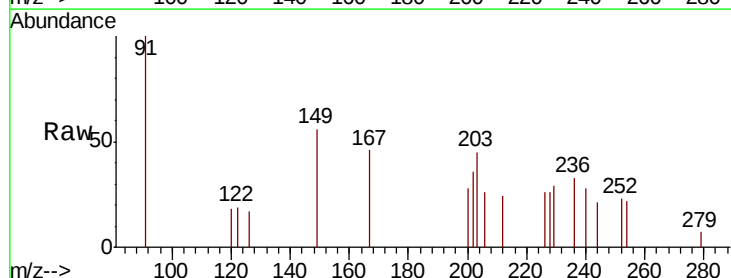
Tgt Ion:149 Resp: 6551

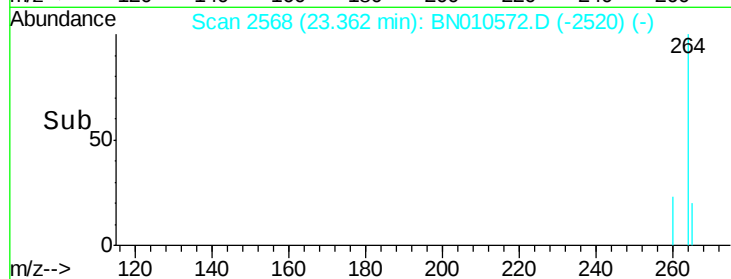
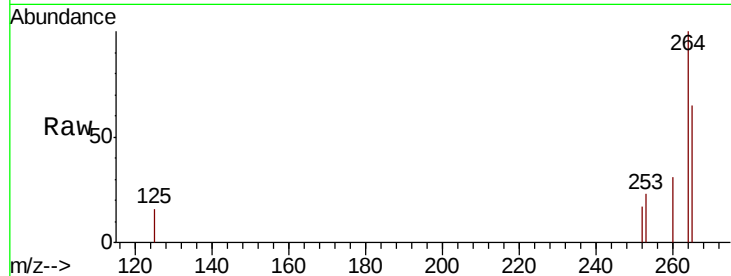
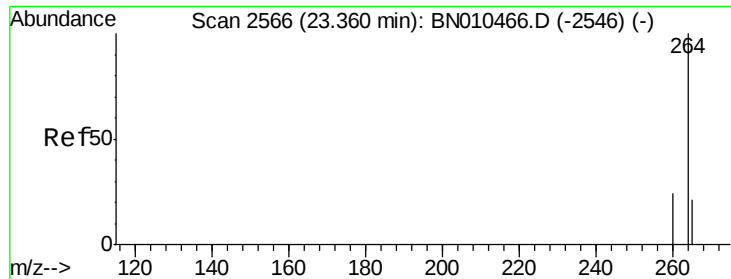
Ion Ratio Lower Upper

149 100

167 37.1 23.4 35.0#

279 8.7 4.0 6.0#





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.36 min Scan# 2568

Delta R.T. 0.01 min

Lab File: BN010572.D

Acq: 21 Apr 2020 18:33

Instrument :

BNA_N

ClientSampleId :

AOC22-MW03-20200415

Tot Ion: 264 Resp: 22188

Ion Ratio Lower Upper

264 100

260 31.5 19.8 29.8#

265 65.0 42.3 63.5#

Manual Integrations

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