

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
 Data File : BN019129.D
 Acq On : 24 Mar 2022 16:56
 Operator : CG/JU
 Sample : N2074-05DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20220319DL

Quant Time: Mar 25 04:29:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 13:18:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/25/2022
 Supervised By :Jagrut Upadhyay 03/25/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4419	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	11185	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	6762	0.400	ng	-0.01
19) Phenanthrene-d10	17.236	188	13781	0.400	ng	# 0.00
29) Chrysene-d12	21.422	240	10518	0.400	ng	# 0.00
35) Perylene-d12	23.787	264	7664	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	428	0.043	ng	0.00
5) Phenol-d6	7.017	99	267	0.026	ng	0.00
8) Nitrobenzene-d5	9.025	82	721m	0.089	ng	0.01
11) 2-Methylnaphthalene-d10	12.253	152	2268	0.122	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	316	0.097	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	3247	0.120	ng	0.00
27) Fluoranthene-d10	19.265	212	7517	0.184	ng	0.00
31) Terphenyl-d14	19.860	244	5176	0.200	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	15783	2.890	ng	99
34) Bis(2-ethylhexyl)phtha...	21.324	149	1500	0.070	ng	# 99

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

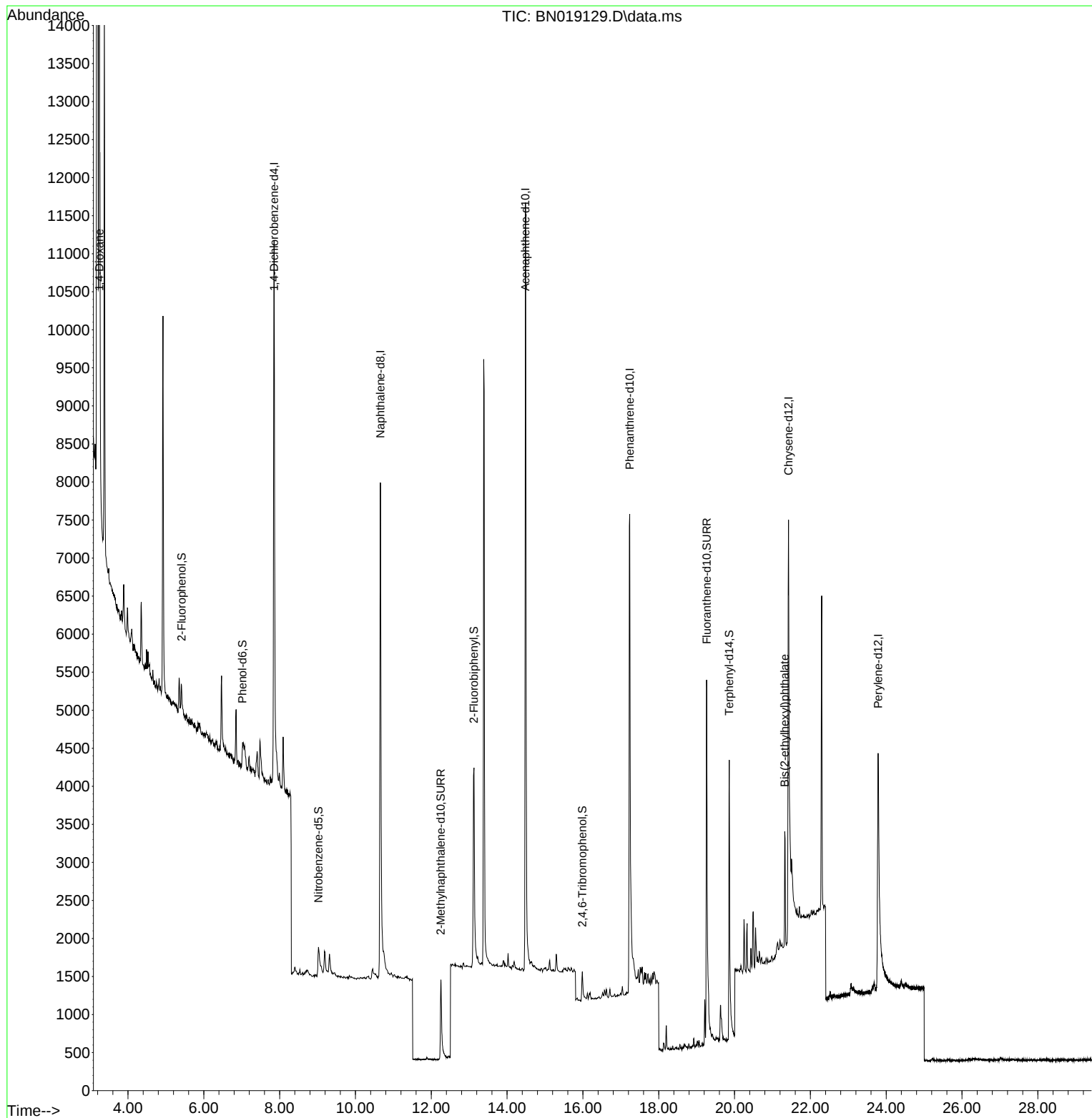
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
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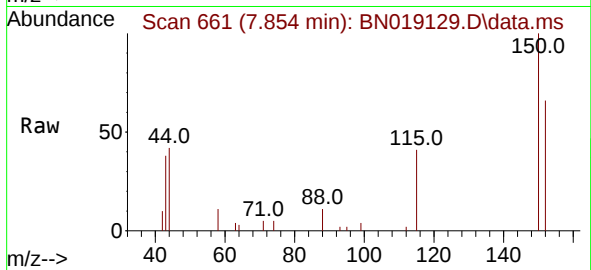
Reviewed By :Christian Giraldo 03/25/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 661
Delta R.T. 0.000 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56

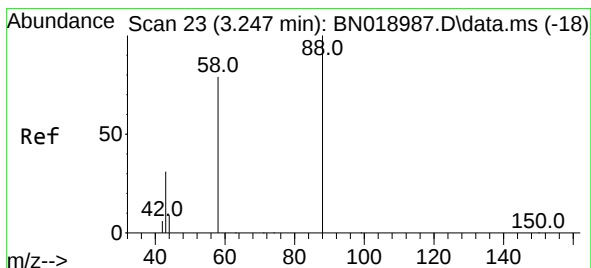
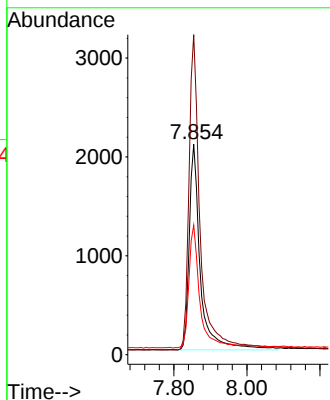
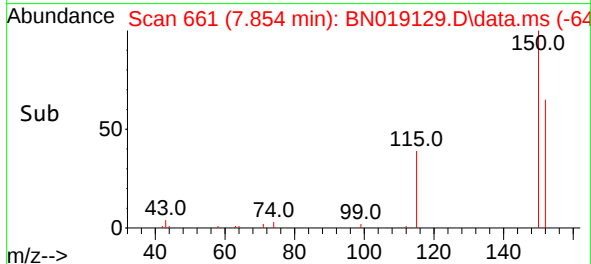
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220319DL



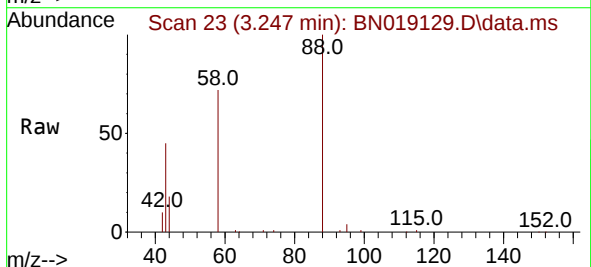
Tgt Ion:152 Resp: 4419
Ion Ratio Lower Upper
152 100
150 152.1 123.9 185.9
115 61.6 48.2 72.4

Manual Integrations
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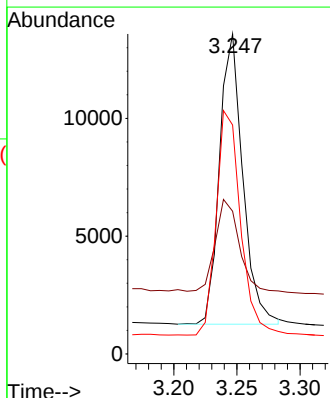
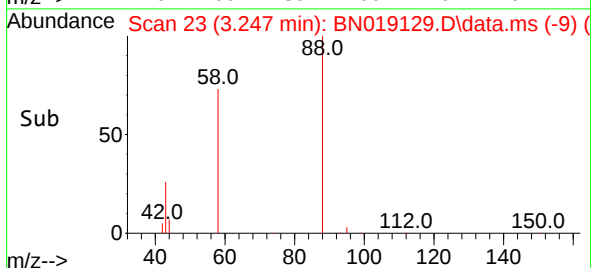
Reviewed By :Christian Giraldo 03/25/2022
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#2
1,4-Dioxane
Concen: 2.890 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.000 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56



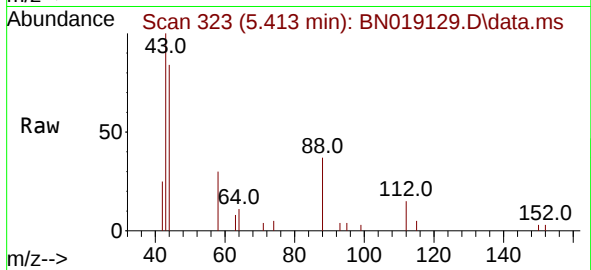
Tgt Ion: 88 Resp: 15783
Ion Ratio Lower Upper
88 100
43 31.7 24.6 37.0
58 80.8 65.4 98.2





#4
2-Fluorophenol
Concen: 0.043 ng
RT: 5.413 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56

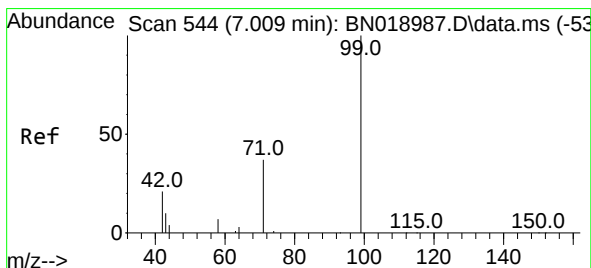
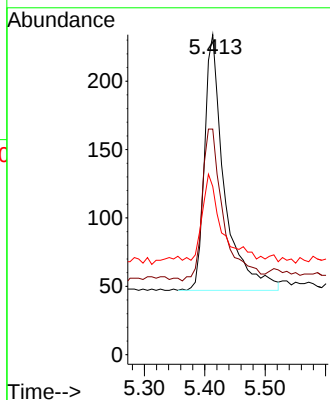
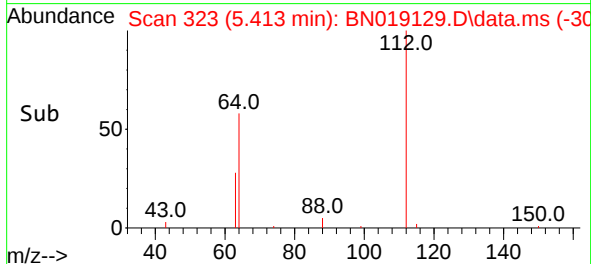
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220319DL



Tgt Ion: 112 Resp: 428
Ion Ratio Lower Upper
112 100
64 63.3 47.8 71.8
63 31.5 25.7 38.5

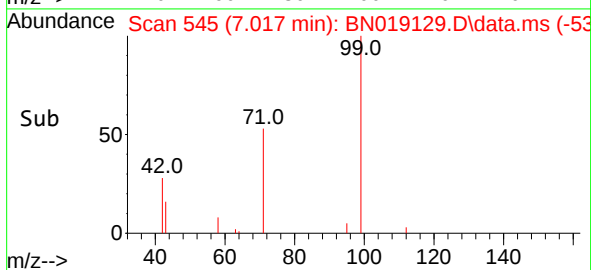
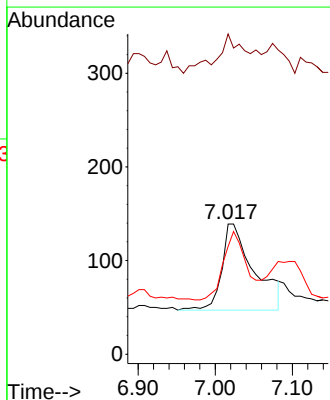
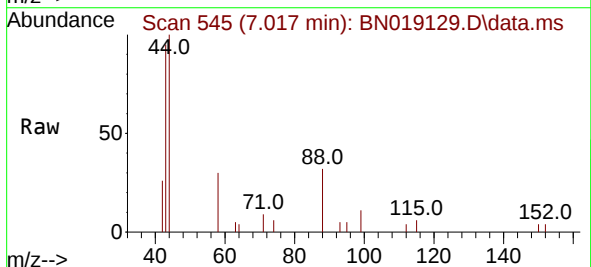
Manual Integrations
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#5
Phenol-d6
Concen: 0.026 ng
RT: 7.017 min Scan# 545
Delta R.T. 0.007 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56

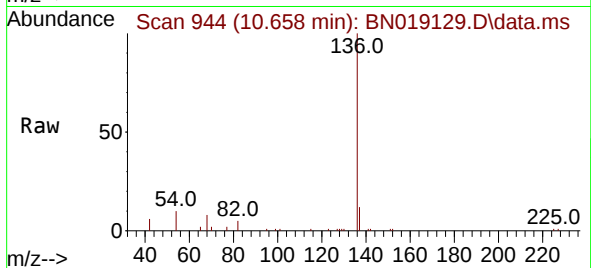
Tgt Ion: 99 Resp: 267
Ion Ratio Lower Upper
99 100
42 37.8 16.2 24.4#
71 55.1 27.7 41.5#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. -0.000 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56

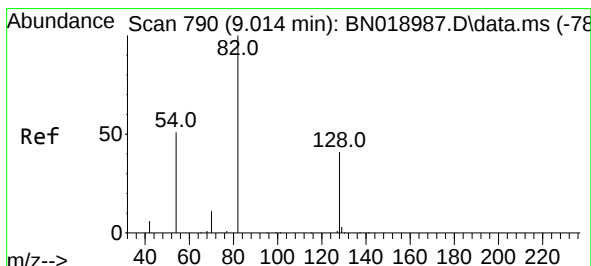
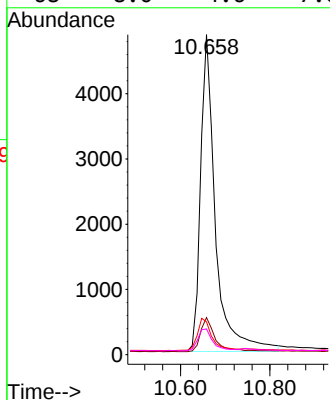
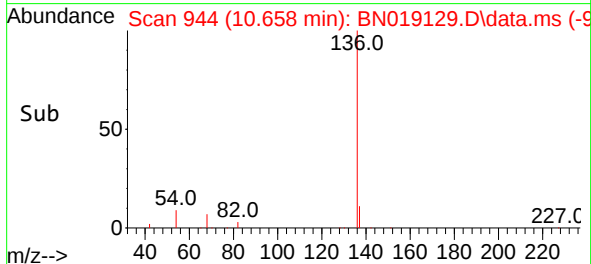
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220319DL



Tgt Ion: 136 Resp: 1118
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.4
54 10.2 5.8 8.6
68 8.0 4.6 7.0#

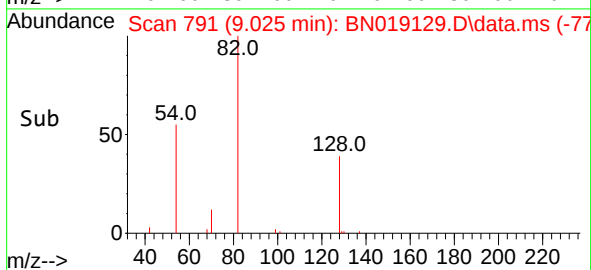
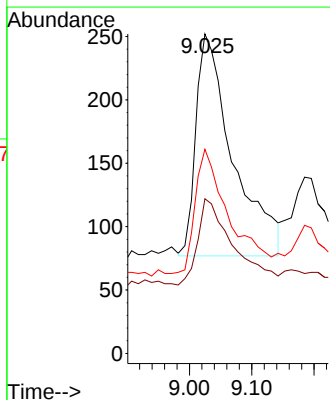
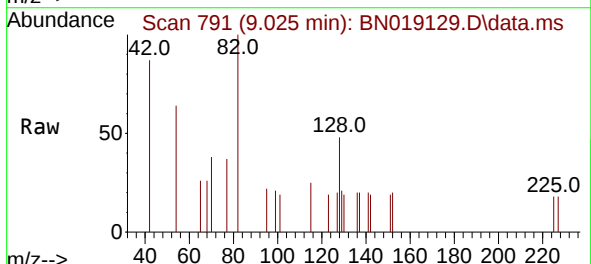
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#8
Nitrobenzene-d5
Concen: 0.089 ng m
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56

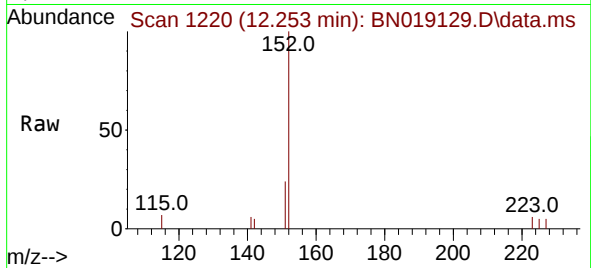
Tgt Ion: 82 Resp: 721
Ion Ratio Lower Upper
82 100
128 48.4 33.0 49.6
54 63.9 42.5 63.7#





#11
2-Methylnaphthalene-d10
Concen: 0.122 ng
RT: 12.253 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56

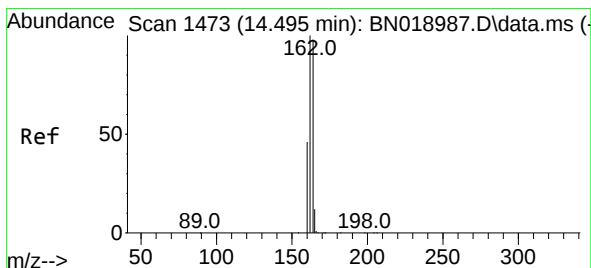
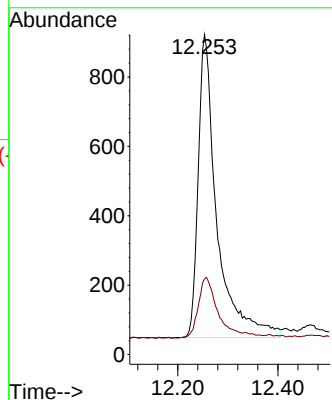
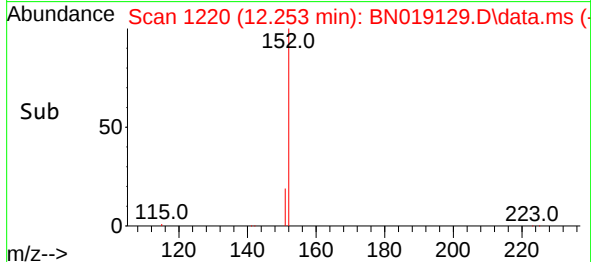
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220319DL



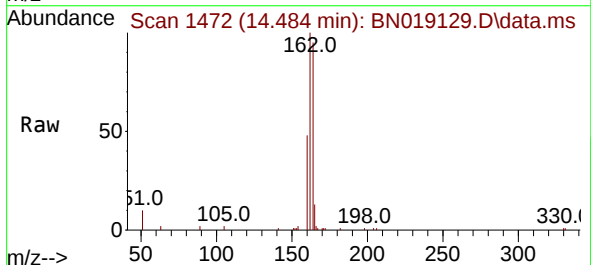
Tgt Ion:152 Resp: 2268
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7

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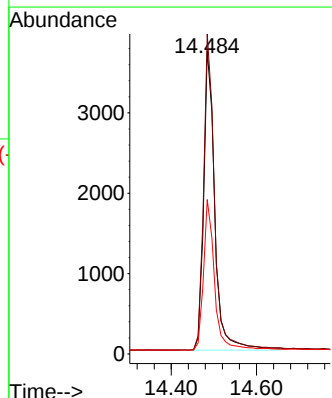
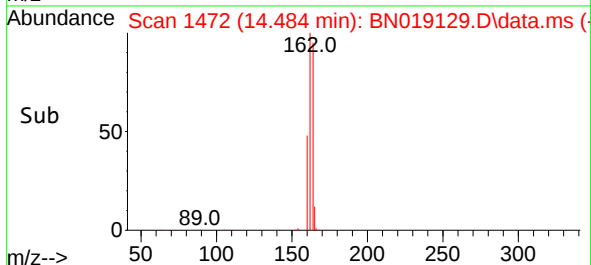
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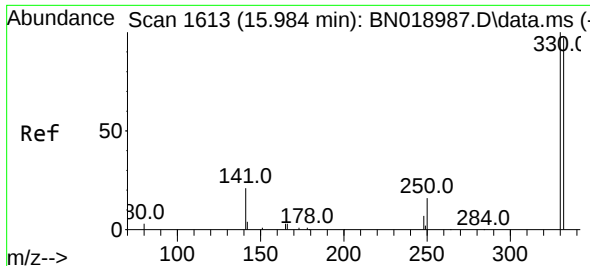


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56



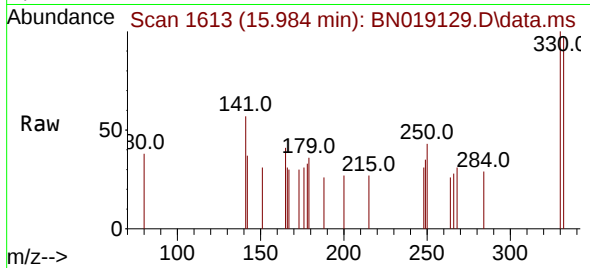
Tgt Ion:164 Resp: 6762
Ion Ratio Lower Upper
164 100
162 105.5 85.2 127.8
160 50.9 41.5 62.3





#14
2,4,6-Tribromophenol
Concen: 0.097 ng
RT: 15.984 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56

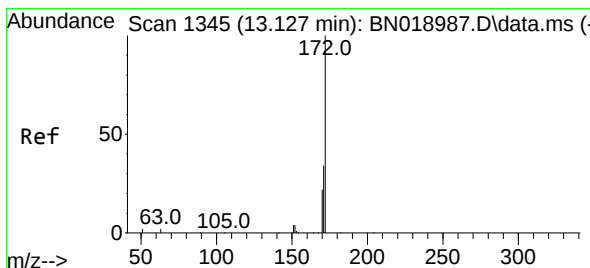
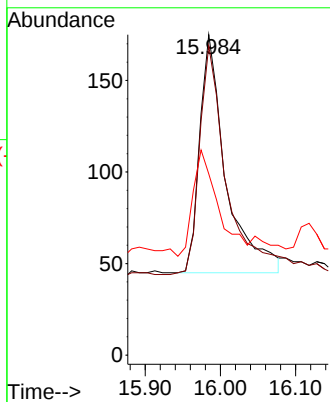
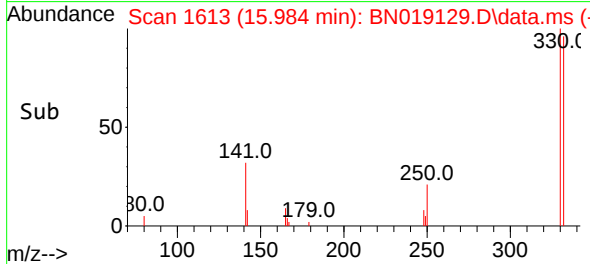
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220319DL



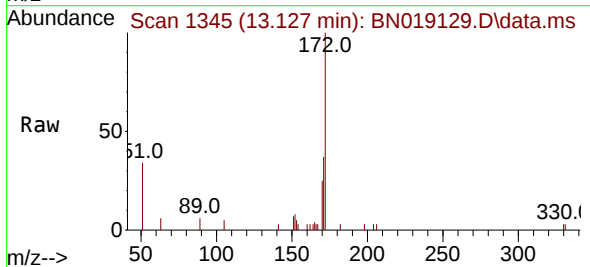
Tgt Ion: 330 Resp: 310
Ion Ratio Lower Upper
330 100
332 99.1 76.8 115.2
141 42.7 32.2 48.2

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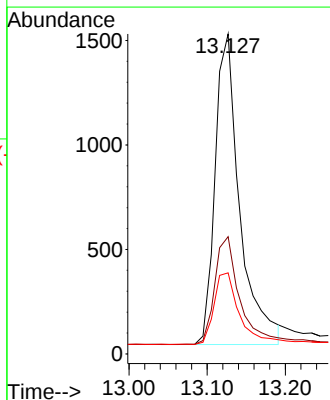
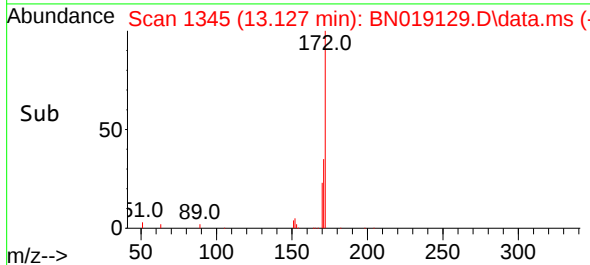
Reviewed By : Christian Giraldo 03/25/2022
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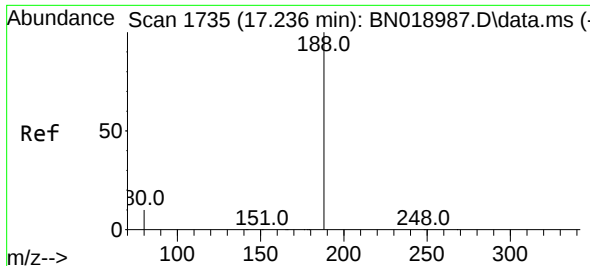


#15
2-Fluorobiphenyl
Concen: 0.120 ng
RT: 13.127 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56



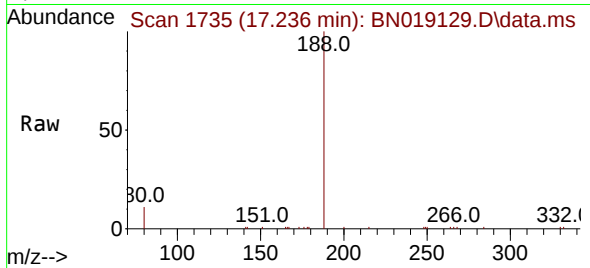
Tgt Ion: 172 Resp: 3247
Ion Ratio Lower Upper
172 100
171 36.6 28.2 42.2
170 25.3 18.7 28.1





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1735
Delta R.T. -0.000 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56

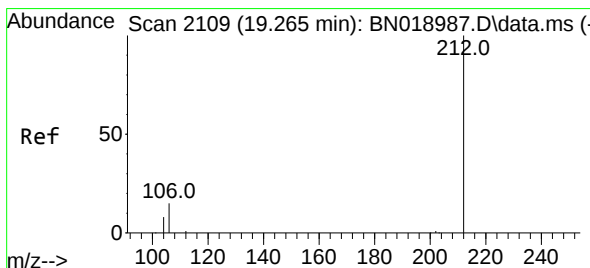
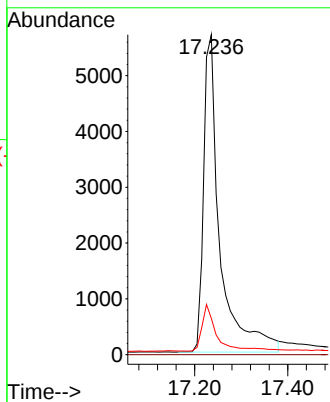
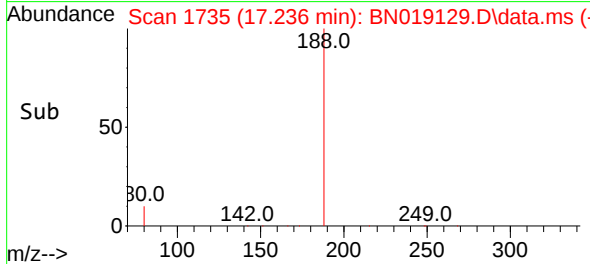
Instrument :
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RE131D2-20220319DL



Tgt Ion:188 Resp: 1378
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 11.8 17.8

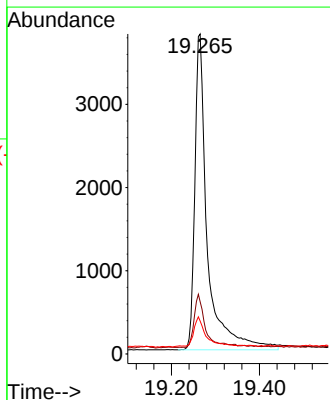
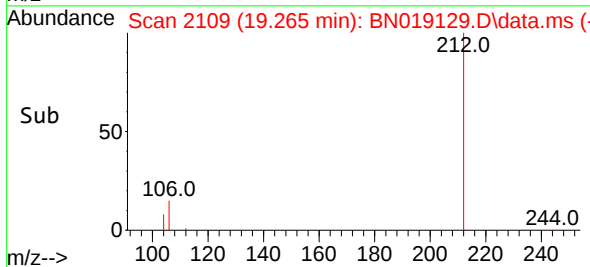
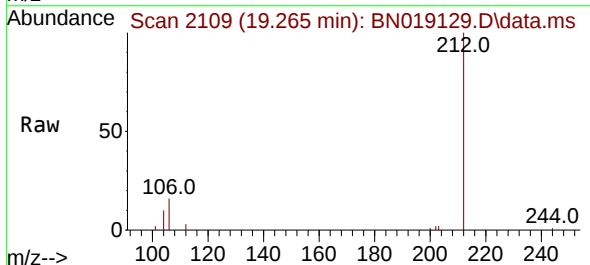
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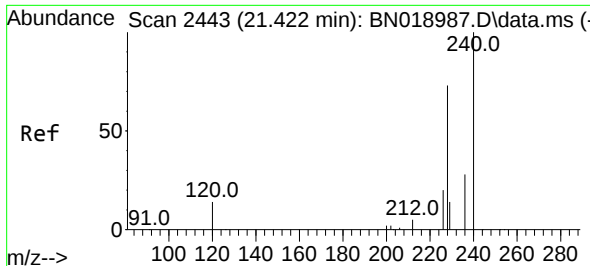
Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#27
Fluoranthene-d10
Concen: 0.184 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56

Tgt Ion:212 Resp: 7517
Ion Ratio Lower Upper
212 100
106 14.0 12.7 19.1
104 8.7 7.1 10.7





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.422 min Scan# 2443

Delta R.T. -0.000 min

Lab File: BN019129.D

Acq: 24 Mar 2022 16:56

Instrument :

BNA_N

ClientSampleId :

RE131D2-20220319DL

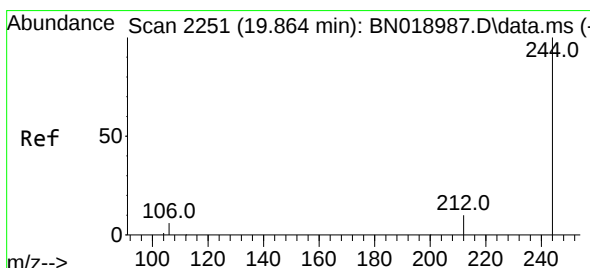
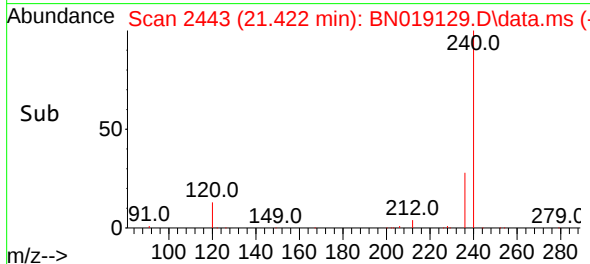
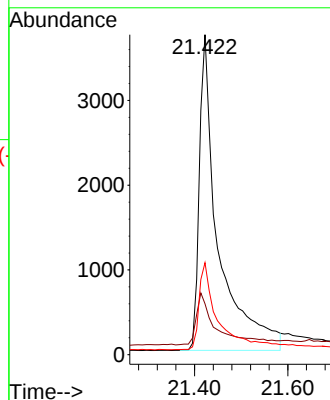
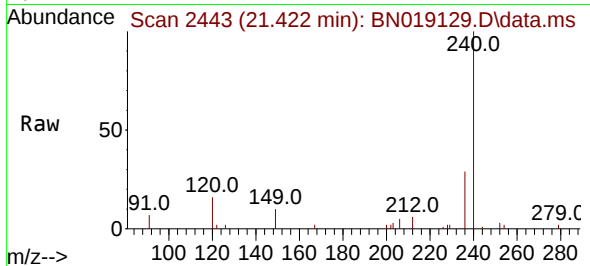
Tgt Ion:240	Resp:	10518
Ion Ratio	Lower	Upper
240	100	
120	15.9	8.5 12.7
236	28.8	22.4 33.6

Manual Integrations

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#31

Terphenyl-d14

Concen: 0.200 ng

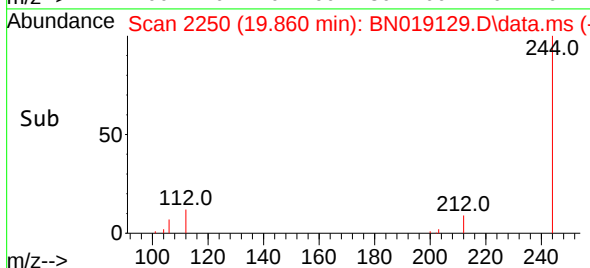
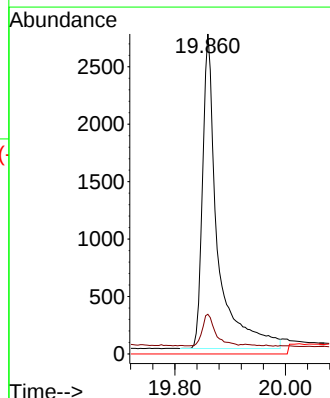
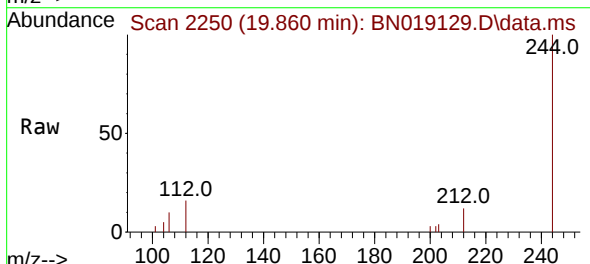
RT: 19.860 min Scan# 2250

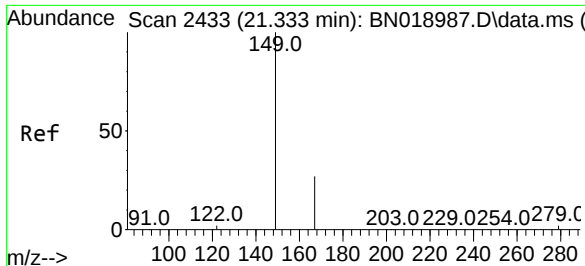
Delta R.T. -0.004 min

Lab File: BN019129.D

Acq: 24 Mar 2022 16:56

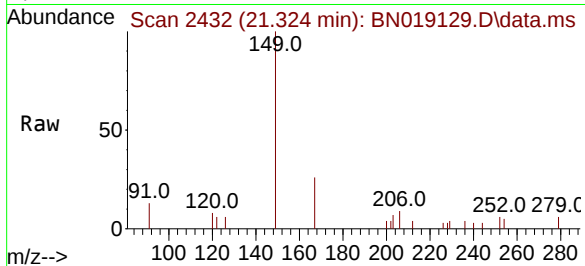
Tgt Ion:244	Resp:	5176
Ion Ratio	Lower	Upper
244	100	
212	12.4	8.2 12.4
122	0.0	0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.070 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56

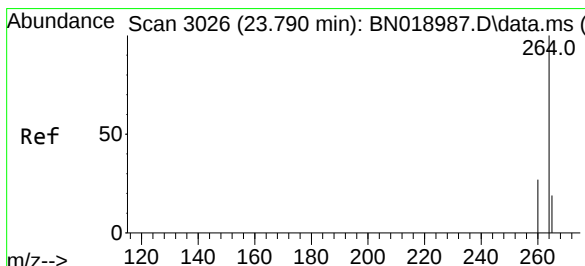
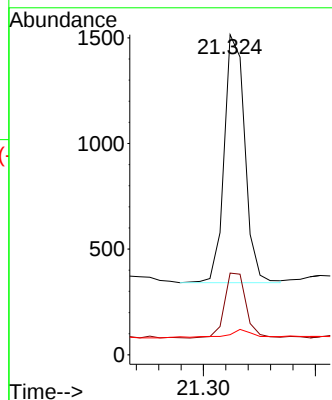
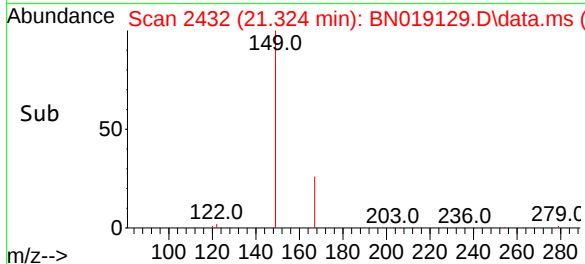
Instrument :
BNA_N
ClientSampleId :
RE131D2-20220319DL



Tgt Ion:149 Resp: 1500
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.8
279 4.4 2.0 3.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.787 min Scan# 3025
Delta R.T. -0.003 min
Lab File: BN019129.D
Acq: 24 Mar 2022 16:56

Tgt Ion:264 Resp: 7664
Ion Ratio Lower Upper
264 100
260 28.8 22.4 33.6
265 47.5 25.3 37.9

