

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
 Data File : BN021513.D
 Acq On : 01 Sep 2022 06:10
 Operator : CG/JU
 Sample : N4360-08
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20220824

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/01/2022
 Supervised By : Jagrut Upadhyay 09/01/2022

Quant Time: Sep 01 06:43:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 29 16:30:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	4245	0.400	ng	-0.01
7) Naphthalene-d8	10.898	136	12979	0.400	ng	-0.01
13) Acenaphthene-d10	14.718	164	7004	0.400	ng	-0.01
19) Phenanthrene-d10	17.470	188	15154	0.400	ng	#-0.01
29) Chrysene-d12	21.664	240	10353	0.400	ng	0.00
35) Perylene-d12	24.182	264	6936	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	1229	0.148	ng	0.00
5) Phenol-d6	7.224	99	882	0.083	ng	0.00
8) Nitrobenzene-d5	9.243	82	2744m	0.313	ng	-0.01
11) 2-Methylnaphthalene-d10	12.486	152	9939	0.340	ng	-0.01
14) 2,4,6-Tribromophenol	16.219	330	729	0.317	ng	0.00
15) 2-Fluorobiphenyl	13.349	172	13136	0.429	ng	-0.01
27) Fluoranthene-d10	19.501	212	16447	0.422	ng	0.00
31) Terphenyl-d14	20.088	244	13810	0.594	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.403	88	31067	5.851	ng	# 89
6) bis(2-Chloroethyl)ether	7.484	93	687	0.052	ng	99
9) Naphthalene	10.952	128	3063	0.080	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.557	149	1404	0.097	ng	# 98

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

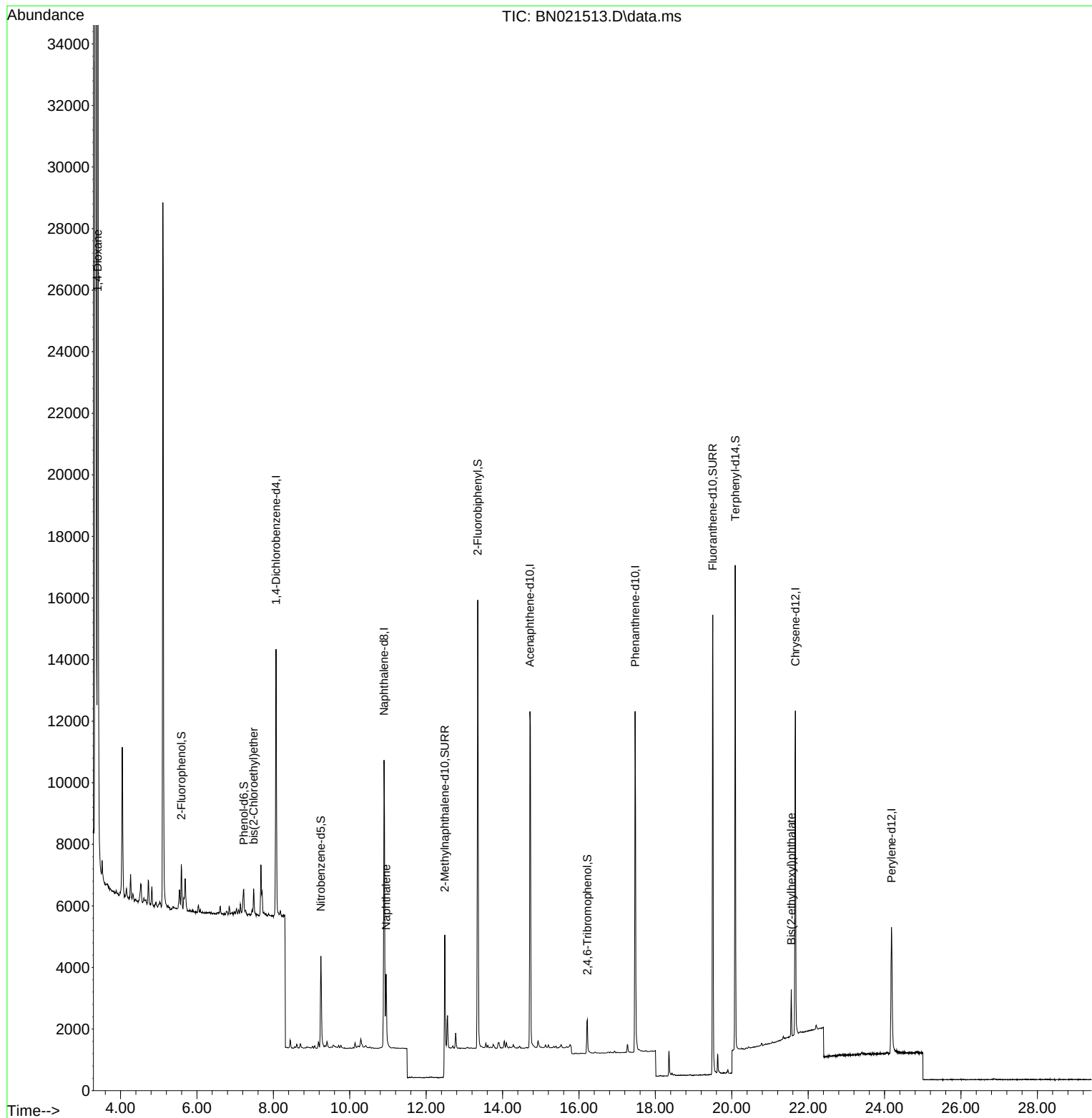
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083122\
Data File : BN021513.D
Acq On : 01 Sep 2022 06:10
Operator : CG/JU
Sample : N4360-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

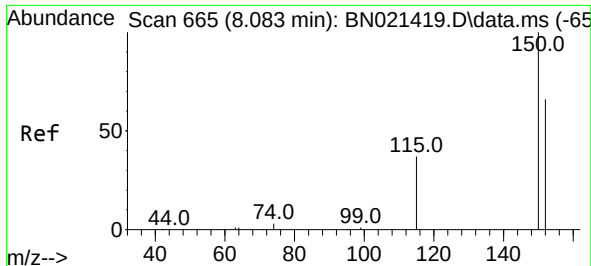
Instrument :
BNA_N
ClientSampleId :
TT101D-20220824

Quant Time: Sep 01 06:43:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

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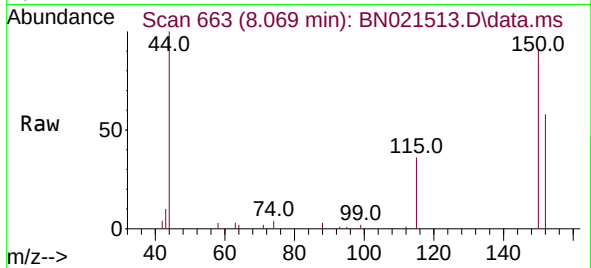
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.069 min Scan# 60
 Delta R.T. -0.014 min
 Lab File: BN021513.D
 Acq: 01 Sep 2022 06:10

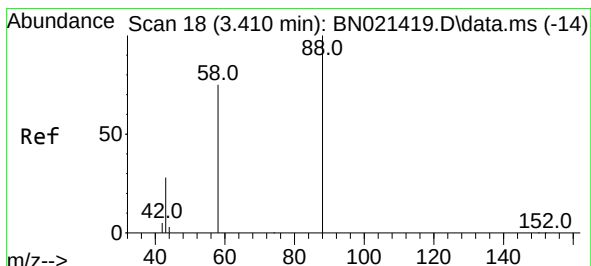
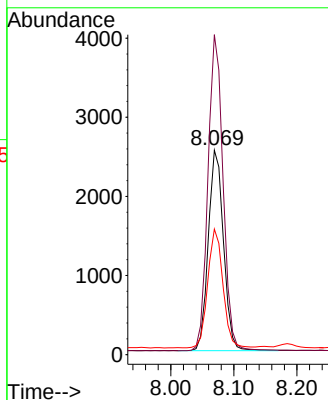
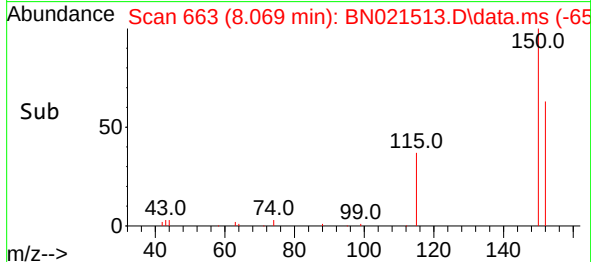
Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20220824



Tgt Ion: 152 Resp: 4245
 Ion Ratio Lower Upper
 152 100
 150 156.6 121.4 182.0
 115 61.4 48.6 72.8

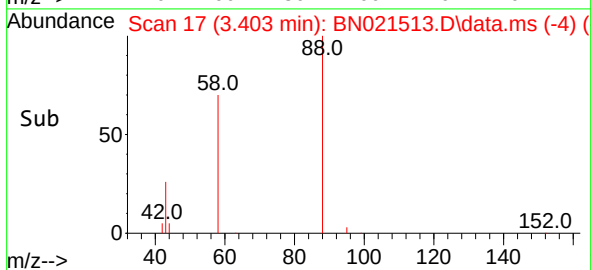
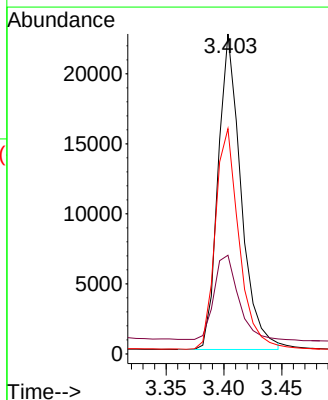
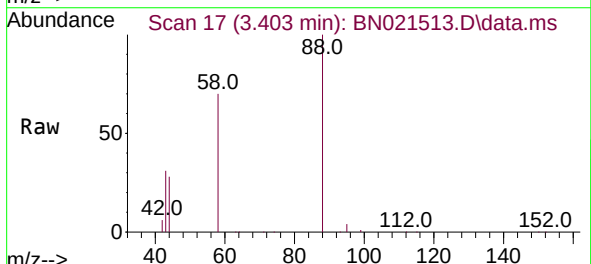
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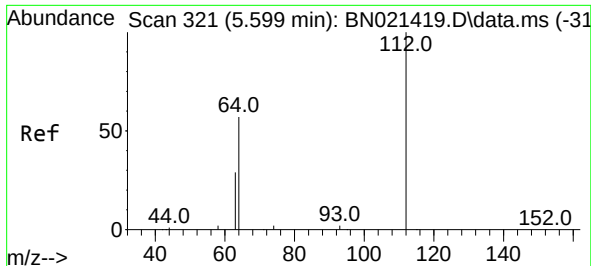
Reviewed By : Christian Giraldo 09/01/2022
 Supervised By : Jagrut Upadhyay 09/01/2022



#2
 1,4-Dioxane
 Concen: 5.851 ng
 RT: 3.403 min Scan# 17
 Delta R.T. -0.007 min
 Lab File: BN021513.D
 Acq: 01 Sep 2022 06:10

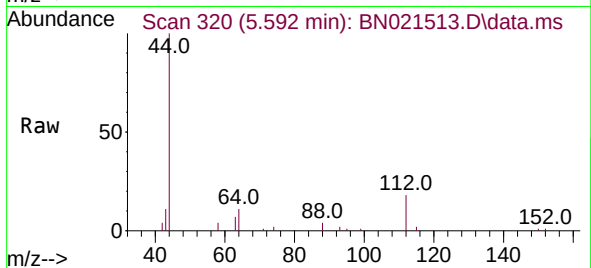
Tgt Ion: 88 Resp: 31067
 Ion Ratio Lower Upper
 88 100
 43 28.1 35.8 53.8
 58 72.3 57.1 85.7





#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.592 min Scan# 321
Delta R.T. -0.007 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10

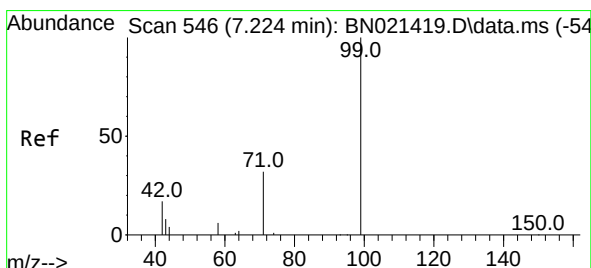
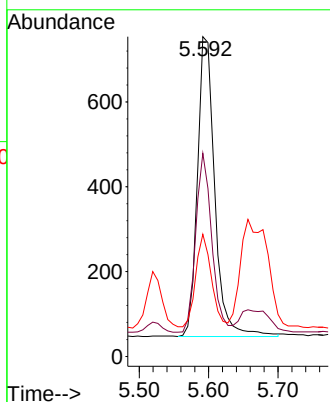
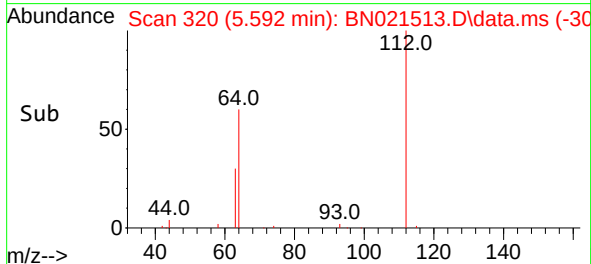
Instrument :
BNA_N
ClientSampleId :
TT101D-20220824



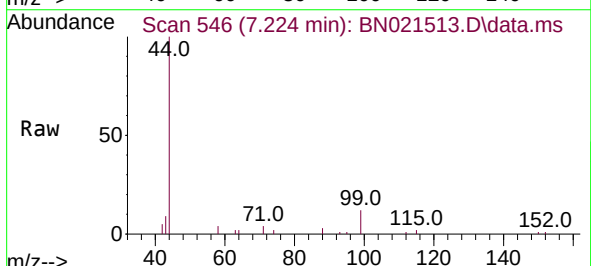
Tgt Ion: 112 Resp: 1229
Ion Ratio Lower Upper
112 100
64 54.7 43.5 65.3
63 27.7 22.6 34.0

Manual Integrations
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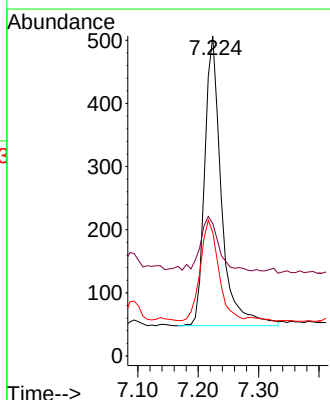
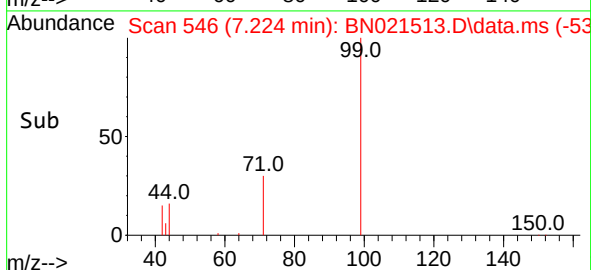
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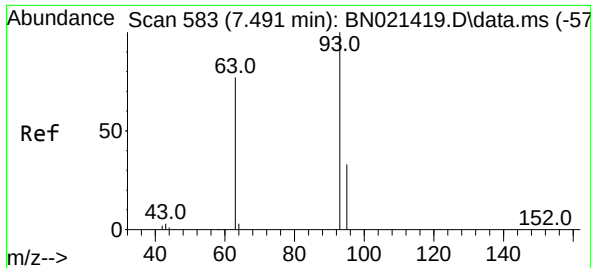


#5
Phenol-d6
Concen: 0.083 ng
RT: 7.224 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10



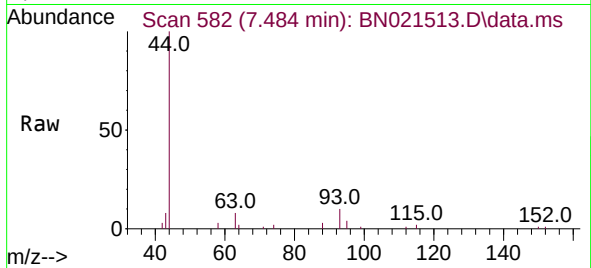
Tgt Ion: 99 Resp: 882
Ion Ratio Lower Upper
99 100
42 21.2 15.5 23.3
71 37.8 24.2 36.2#





#6
bis(2-Chloroethyl)ether
Concen: 0.052 ng
RT: 7.484 min Scan# 583
Delta R.T. -0.007 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10

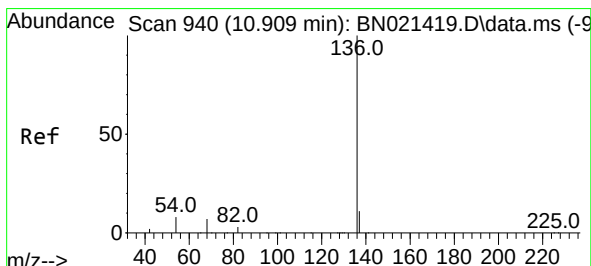
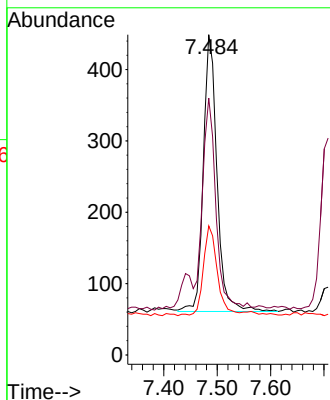
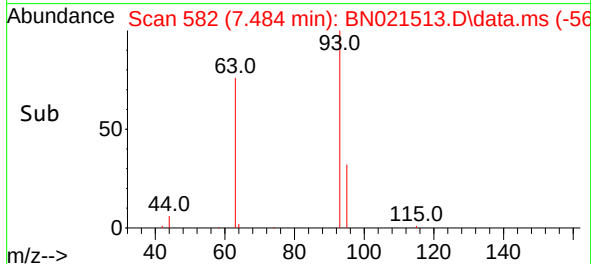
Instrument :
BNA_N
ClientSampleId :
TT101D-20220824



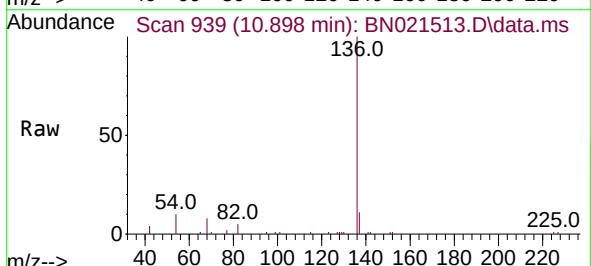
Tgt Ion: 93 Resp: 68
Ion Ratio Lower Upper
93 100
63 73.2 57.8 86.8
95 33.2 25.9 38.9

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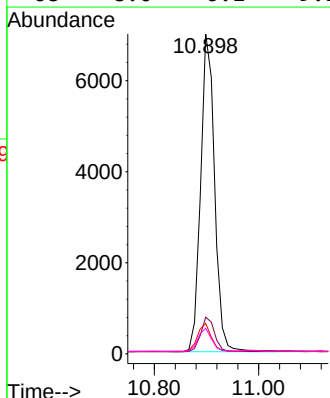
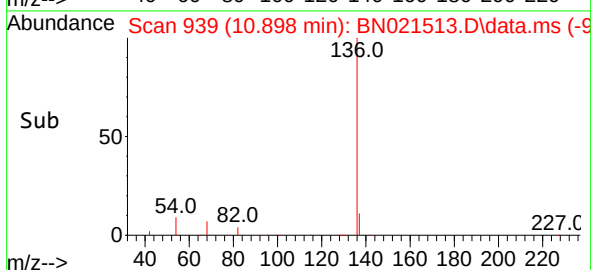
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

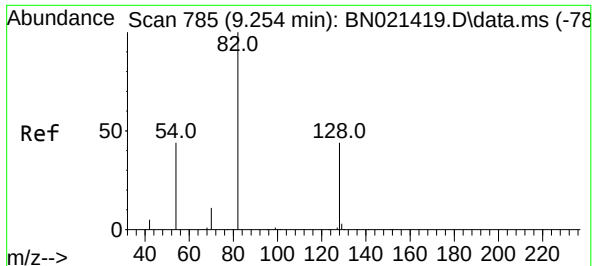


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.898 min Scan# 939
Delta R.T. -0.011 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10



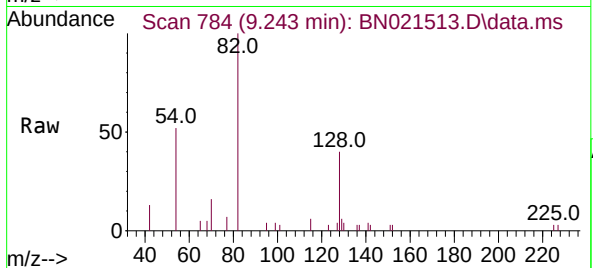
Tgt Ion:136 Resp: 12979
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 9.5 6.9 10.3
68 8.0 6.1 9.1





#8
Nitrobenzene-d5
Concen: 0.313 ng m
RT: 9.243 min Scan# 784
Delta R.T. -0.011 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10

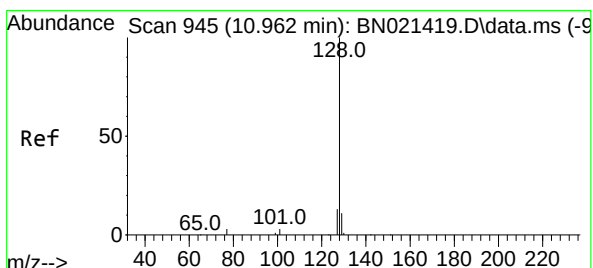
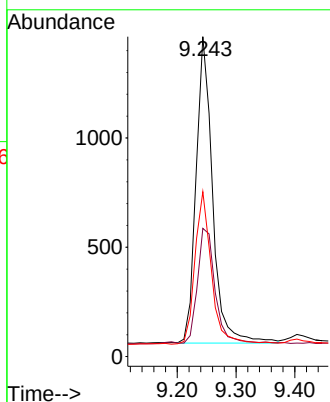
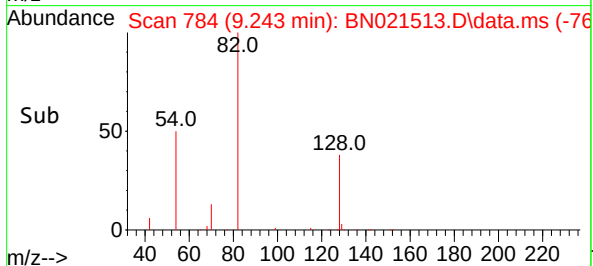
Instrument :
BNA_N
ClientSampleId :
TT101D-20220824



Tgt Ion: 82 Resp: 2744
Ion Ratio Lower Upper
82 100
128 40.1 30.9 46.3
54 51.5 42.7 64.1

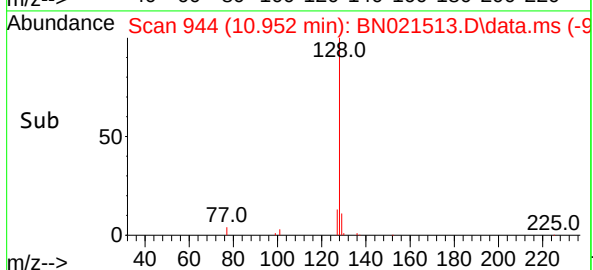
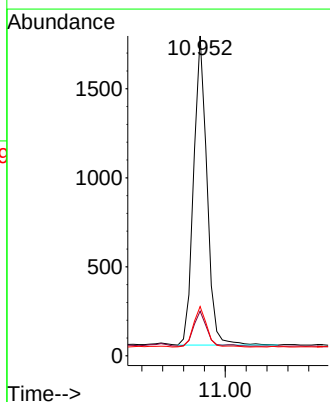
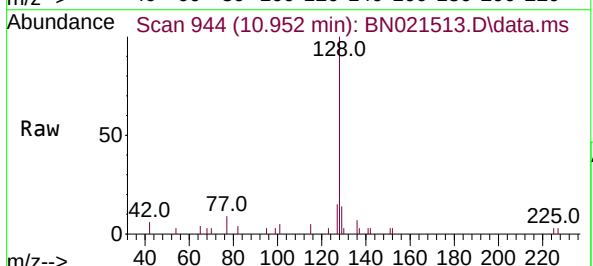
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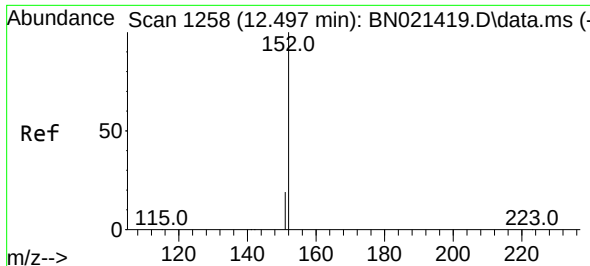
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#9
Naphthalene
Concen: 0.080 ng
RT: 10.952 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10

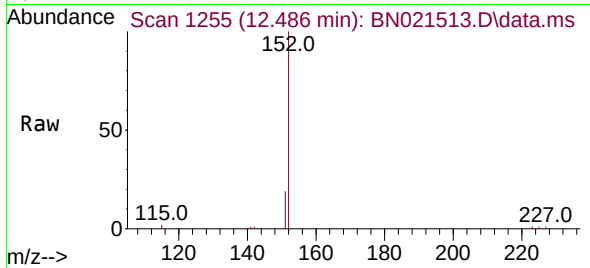
Tgt Ion:128 Resp: 3063
Ion Ratio Lower Upper
128 100
129 14.0 9.3 13.9#
127 15.4 11.0 16.4





#11
2-Methylnaphthalene-d10
Concen: 0.340 ng
RT: 12.486 min Scan# 1255
Delta R.T. -0.011 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10

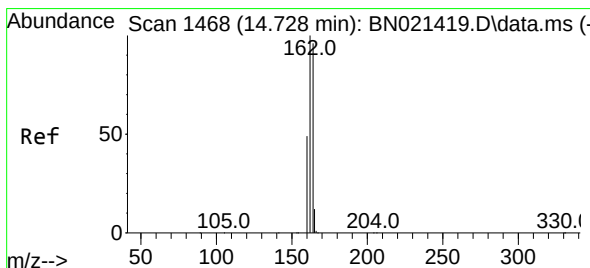
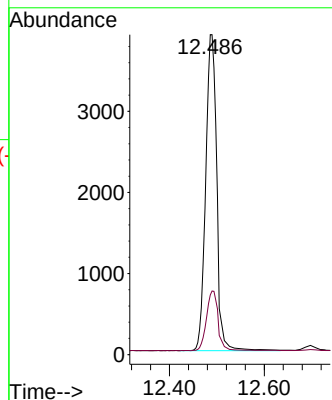
Instrument :
BNA_N
ClientSampleId :
TT101D-20220824



Tgt Ion:152 Resp: 9939
Ion Ratio Lower Upper
152 100
151 19.0 14.5 21.7

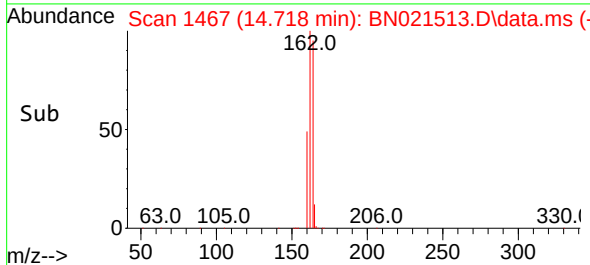
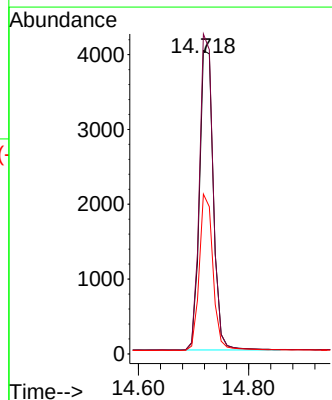
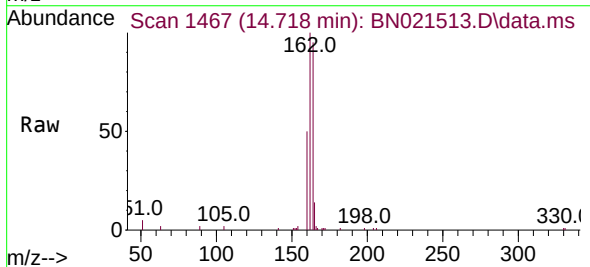
Manual Integrations
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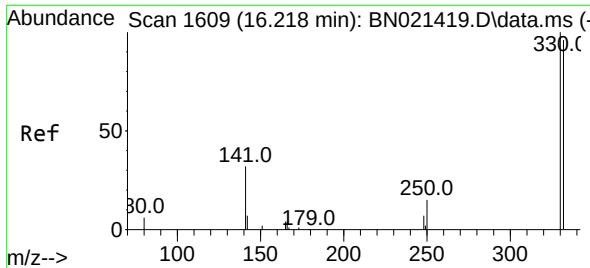
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.718 min Scan# 1467
Delta R.T. -0.010 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10

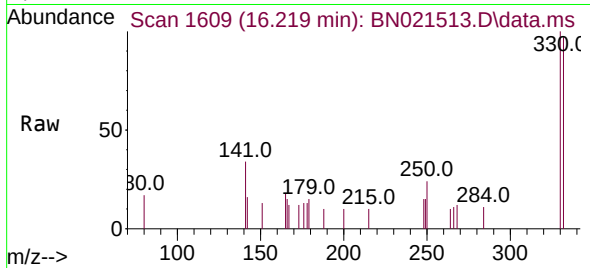
Tgt Ion:164 Resp: 7004
Ion Ratio Lower Upper
164 100
162 105.5 82.2 123.4
160 52.7 39.5 59.3





#14
2,4,6-Tribromophenol
Concen: 0.317 ng
RT: 16.219 min Scan# 1609
Delta R.T. 0.001 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10

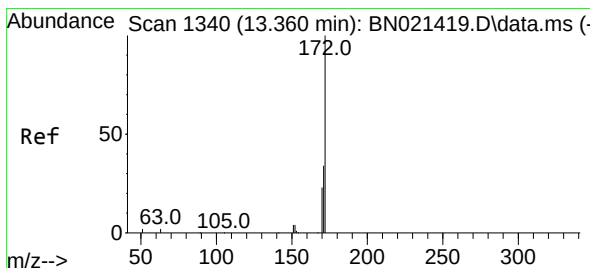
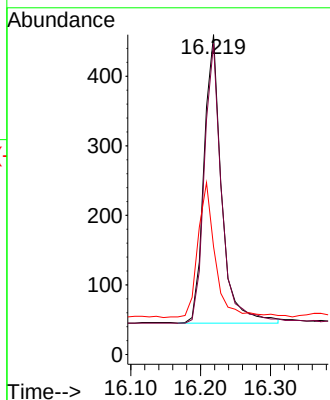
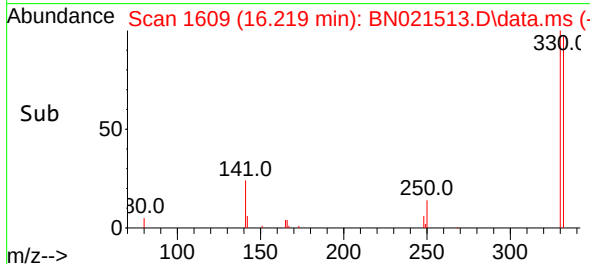
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BNA_N
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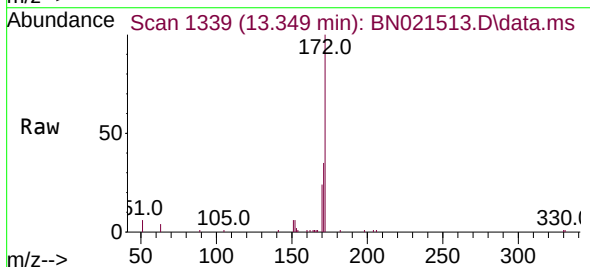
Tgt Ion: 330 Resp: 729
Ion Ratio Lower Upper
330 100
332 95.2 79.3 118.9
141 46.6 37.1 55.7

Manual Integrations
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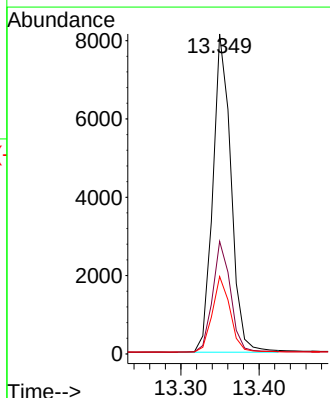
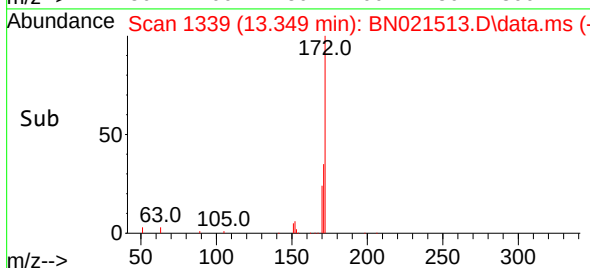
Reviewed By : Christian Giraldo 09/01/2022
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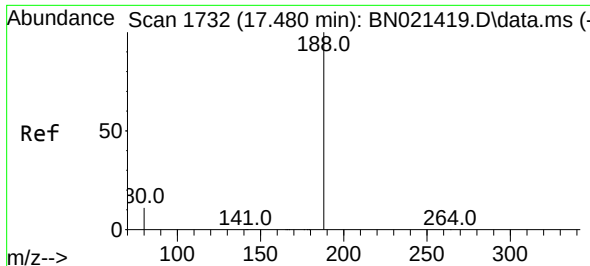


#15
2-Fluorobiphenyl
Concen: 0.429 ng
RT: 13.349 min Scan# 1339
Delta R.T. -0.011 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10



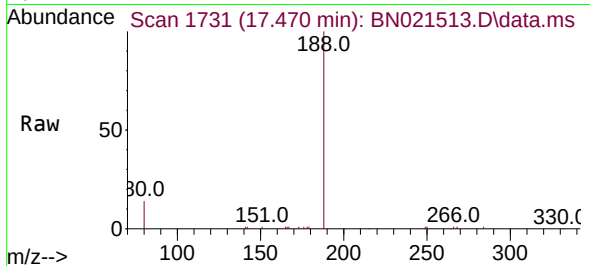
Tgt Ion: 172 Resp: 13136
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 24.2 18.6 28.0





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.470 min Scan# 1732
Delta R.T. -0.010 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10

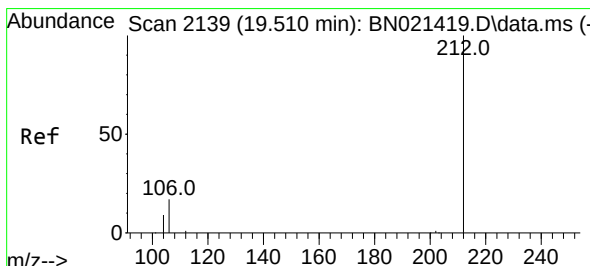
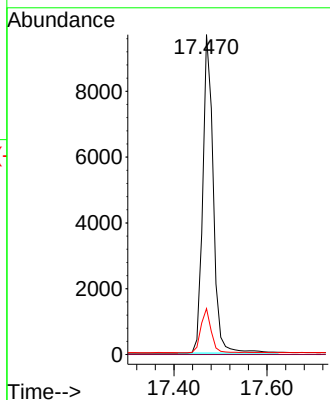
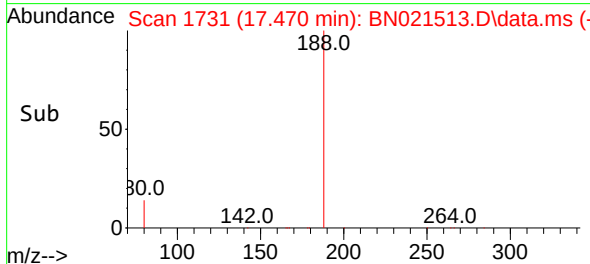
Instrument :
BNA_N
ClientSampleId :
TT101D-20220824



Tgt Ion:188 Resp: 15154
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 9.5 14.3

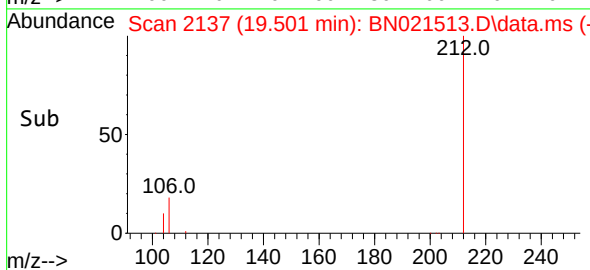
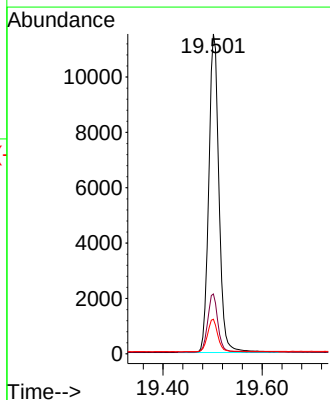
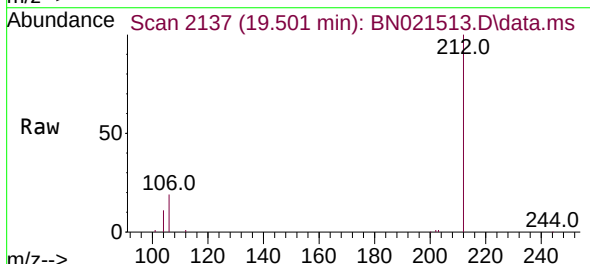
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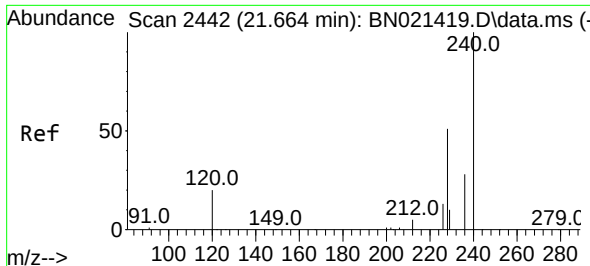
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.501 min Scan# 2137
Delta R.T. -0.008 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10

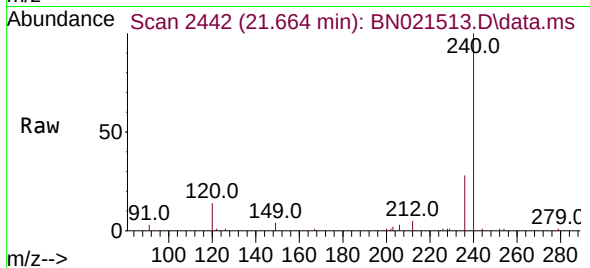
Tgt Ion:212 Resp: 16447
Ion Ratio Lower Upper
212 100
106 18.2 14.2 21.2
104 10.1 7.8 11.6





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.000 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10

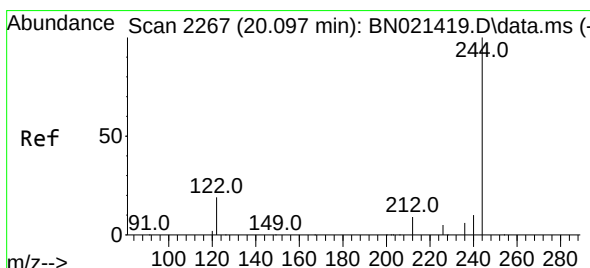
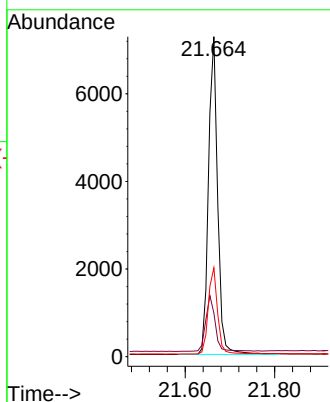
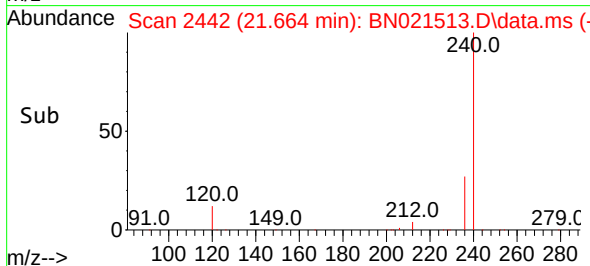
Instrument :
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ClientSampleId :
TT101D-20220824



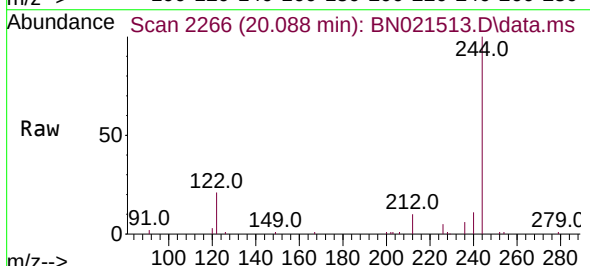
Tgt Ion:240 Resp: 10353
Ion Ratio Lower Upper
240 100
120 13.6 10.2 15.4
236 27.8 22.1 33.1

Manual Integrations
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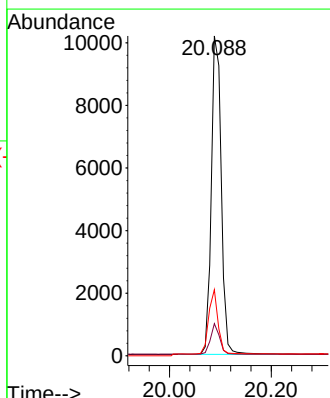
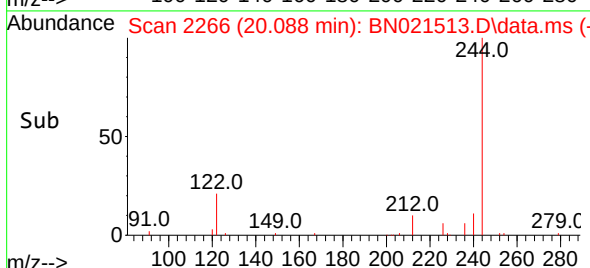
Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022

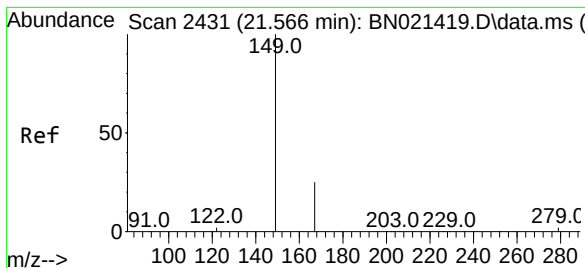


#31
Terphenyl-d14
Concen: 0.594 ng
RT: 20.088 min Scan# 2266
Delta R.T. -0.009 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10



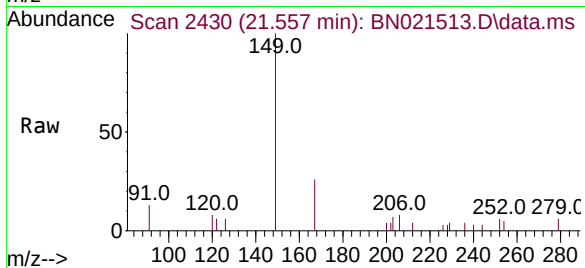
Tgt Ion:244 Resp: 13810
Ion Ratio Lower Upper
244 100
212 10.1 6.5 9.7#
122 20.7 9.1 13.7#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.557 min Scan# 2430
Delta R.T. -0.009 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10

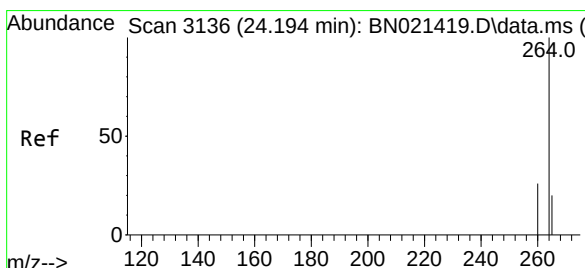
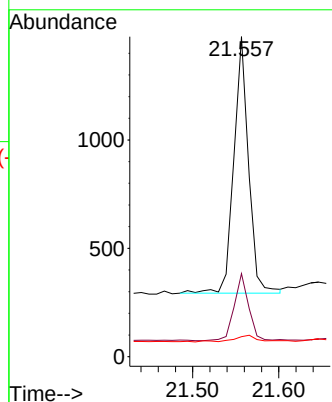
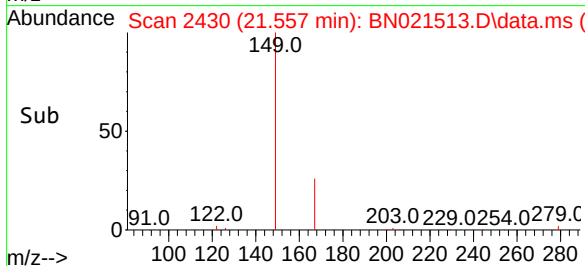
Instrument :
BNA_N
ClientSampleId :
TT101D-20220824



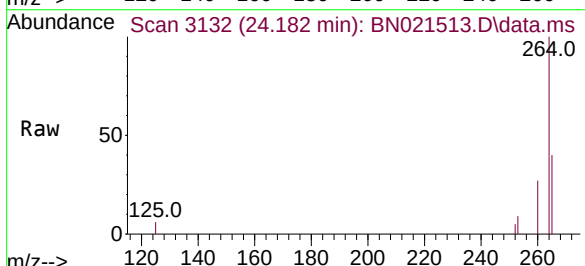
Tgt Ion:149 Resp: 1404
Ion Ratio Lower Upper
149 100
167 25.9 21.4 32.0
279 4.2 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/01/2022
Supervised By :Jagrut Upadhyay 09/01/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.182 min Scan# 3132
Delta R.T. -0.012 min
Lab File: BN021513.D
Acq: 01 Sep 2022 06:10



Tgt Ion:264 Resp: 6936
Ion Ratio Lower Upper
264 100
260 27.1 21.0 31.6
265 40.5 32.2 48.2

