

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024340.D
 Acq On : 17 Mar 2023 11:22
 Operator : CG/JU
 Sample : 01880-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT149S1-20230309

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/20/2023
 Supervised By : Jagrut Upadhyay 03/20/2023

Quant Time: Mar 17 22:41:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	8539	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	25747	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	11292	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	24458	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	14607	0.400	ng	# 0.00
35) Perylene-d12	24.120	264	4566	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	2535	0.134	ng	0.00
5) Phenol-d6	7.188	99	1888	0.078	ng	0.00
8) Nitrobenzene-d5	9.201	82	5585m	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.437	152	9633	0.304	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1529	0.265	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	14366	0.337	ng	-0.01
27) Fluoranthene-d10	19.446	212	19244	0.371	ng	0.00
31) Terphenyl-d14	20.034	244	11740	0.477	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.439	88	2693	0.290	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.502	149	2185	0.095	ng	# 92

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

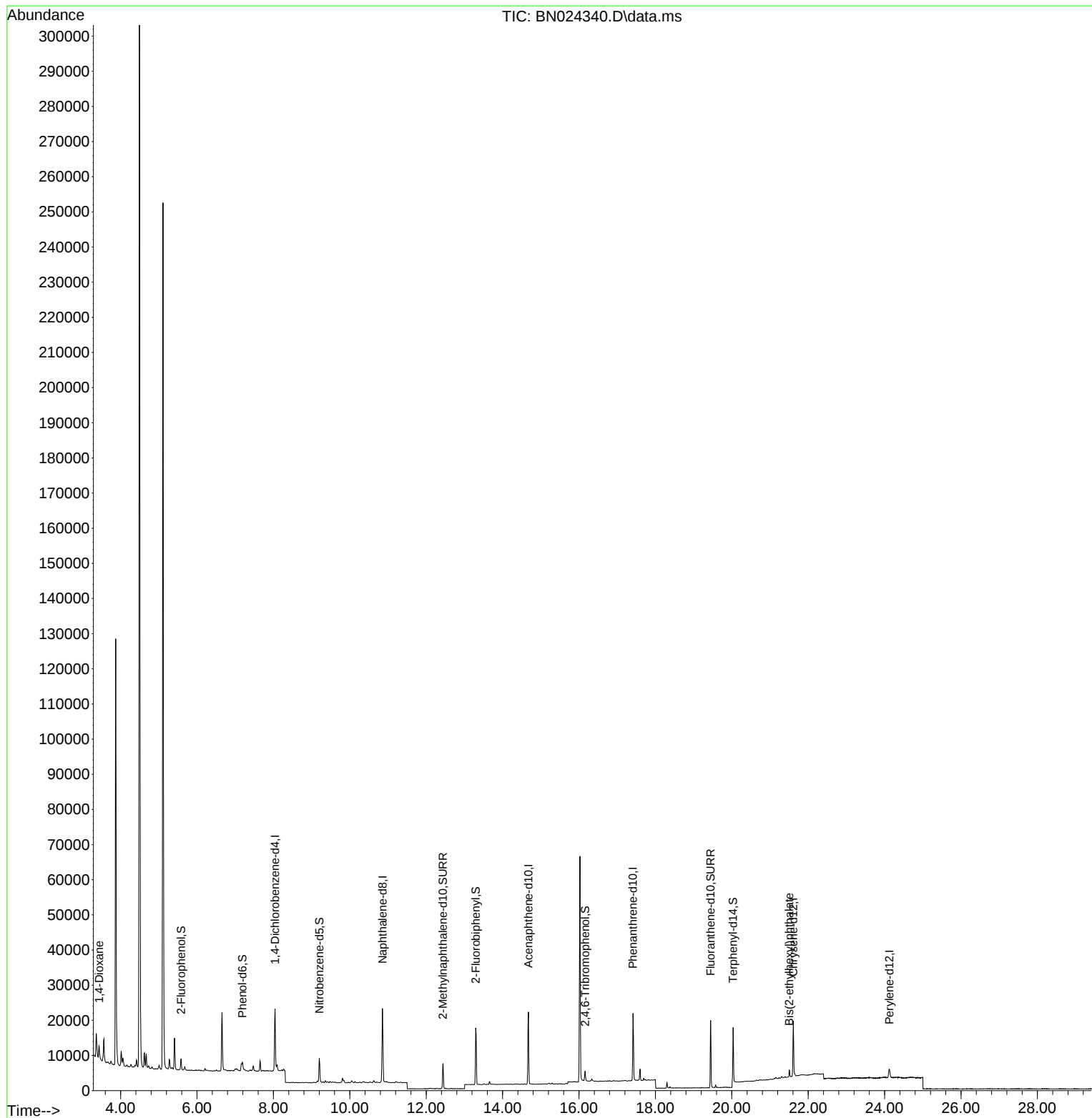
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
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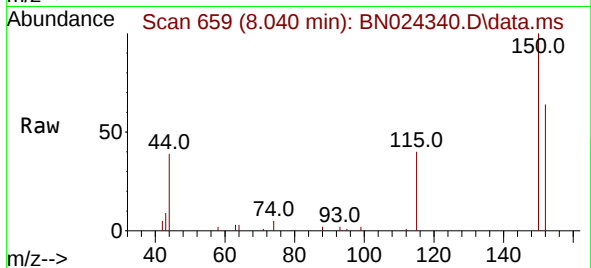
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 660
 Delta R.T. -0.000 min
 Lab File: BN024340.D
 Acq: 17 Mar 2023 11:22

Instrument :

BNA_N

ClientSampleId :

TT149S1-20230309

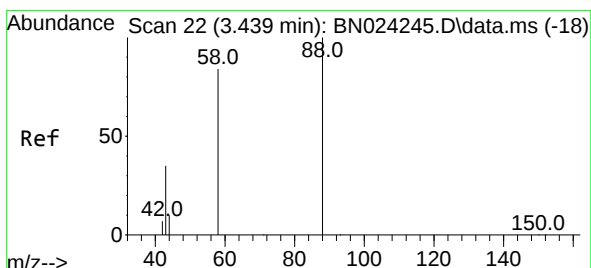
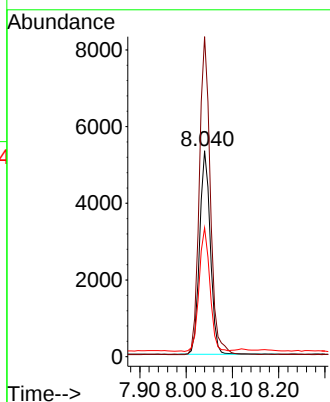
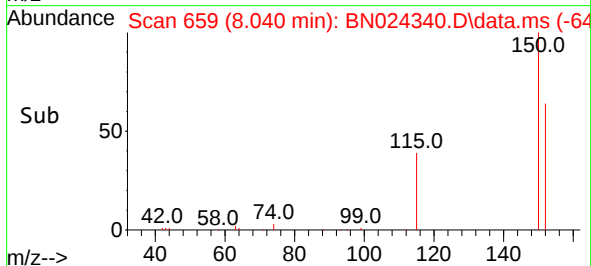


Tgt Ion:152 Resp: 8539
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.7 187.1
 115 62.5 49.1 73.7

Manual Integrations

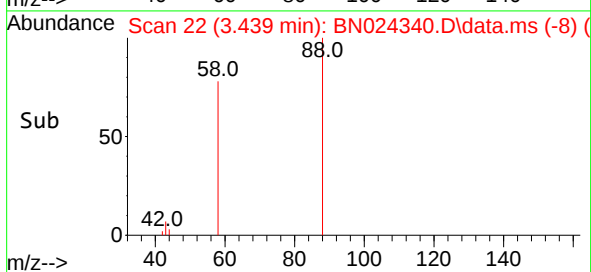
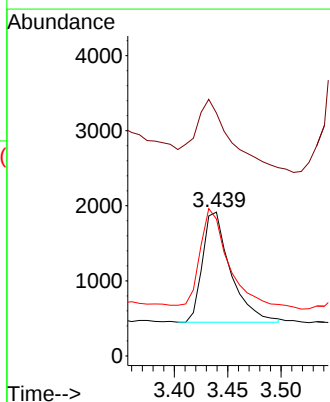
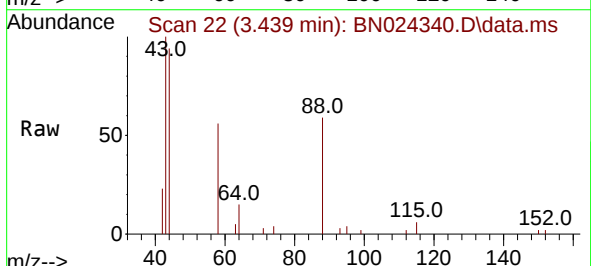
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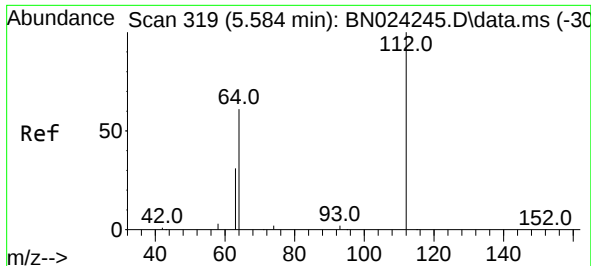
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023



#2
 1,4-Dioxane
 Concen: 0.290 ng
 RT: 3.439 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN024340.D
 Acq: 17 Mar 2023 11:22

Tgt Ion: 88 Resp: 2693
 Ion Ratio Lower Upper
 88 100
 43 73.6 29.0 43.4#
 58 84.1 67.3 100.9





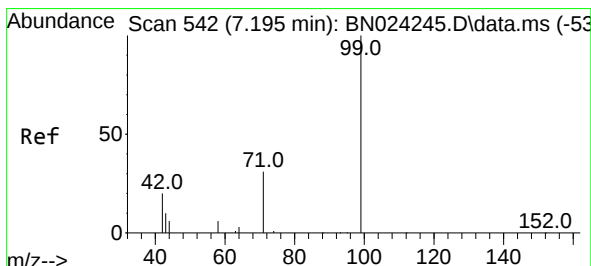
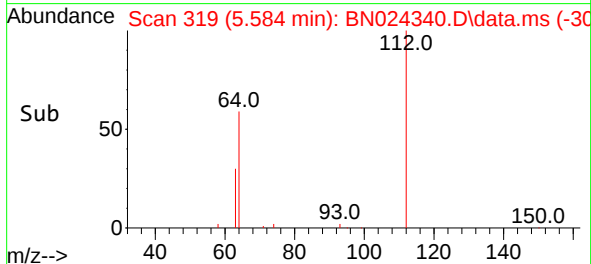
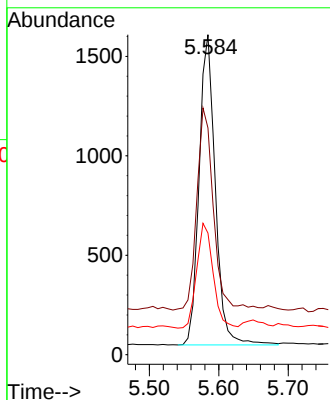
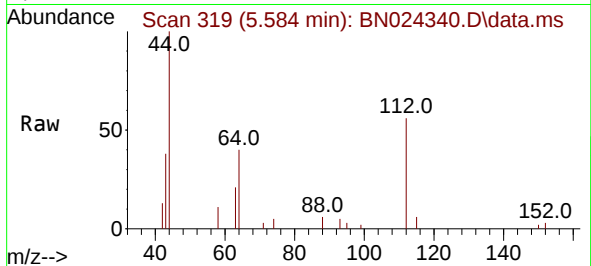
#4
2-Fluorophenol
Concen: 0.134 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.007 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

Instrument :
BNA_N
ClientSampleId :
TT149S1-20230309

Tgt Ion: 112 Resp: 2538
Ion Ratio Lower Upper
112 100
64 66.5 49.0 73.6
63 34.1 25.7 38.5

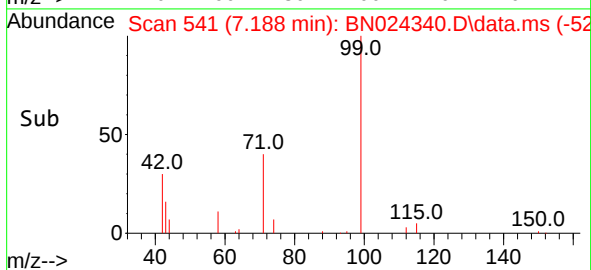
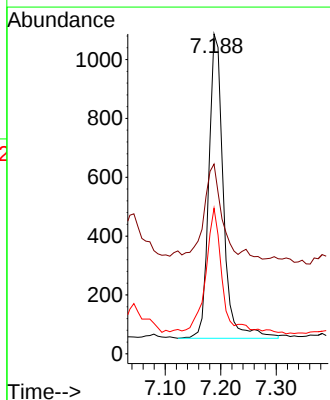
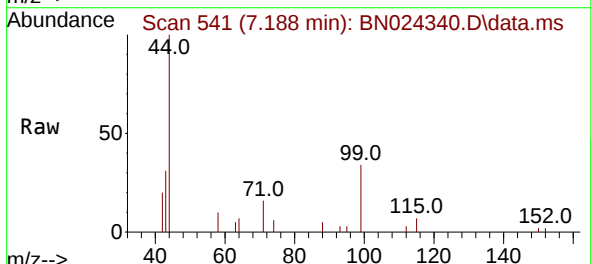
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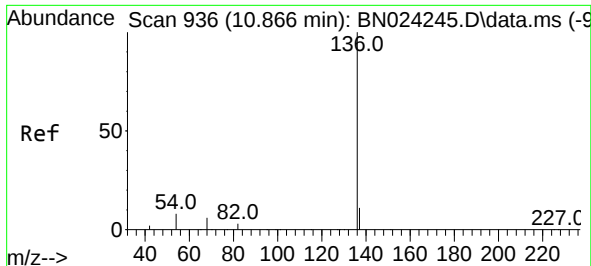
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#5
Phenol-d6
Concen: 0.078 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

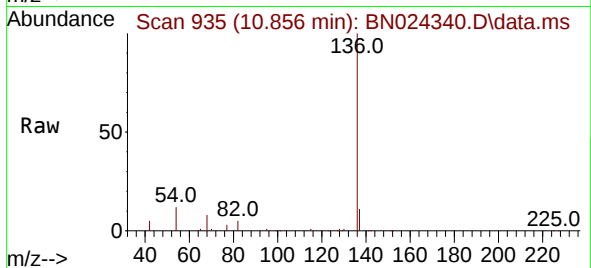
Tgt Ion: 99 Resp: 1888
Ion Ratio Lower Upper
99 100
42 33.4 20.1 30.1#
71 46.0 25.8 38.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

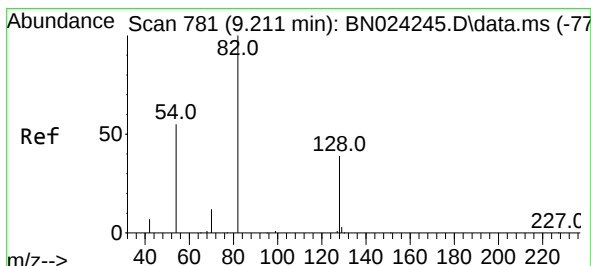
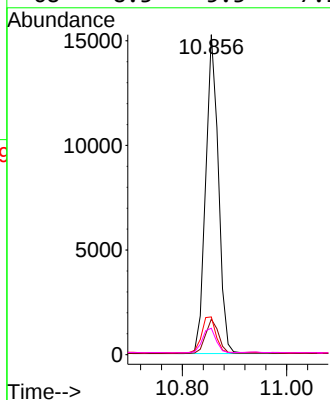
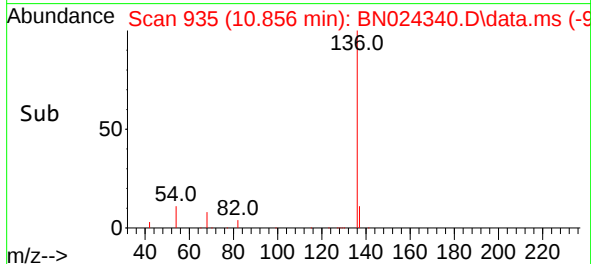
Instrument :
BNA_N
ClientSampleId :
TT149S1-20230309



Tgt Ion:136 Resp: 2574
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 11.8 7.1 10.7
68 8.3 5.3 7.9#

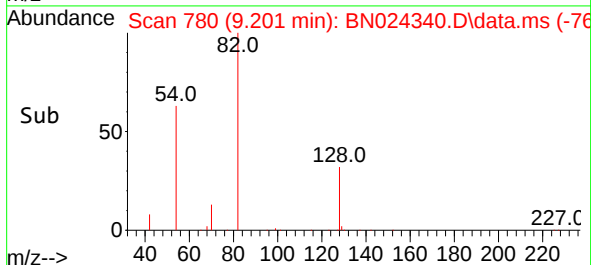
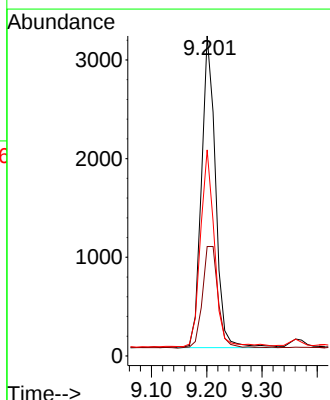
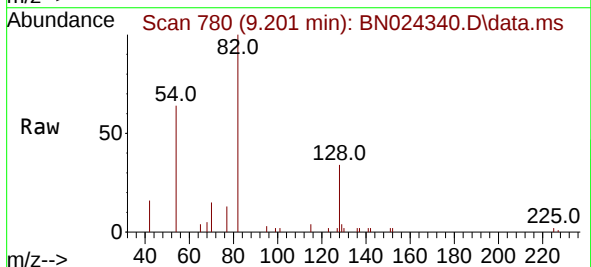
Manual Integrations
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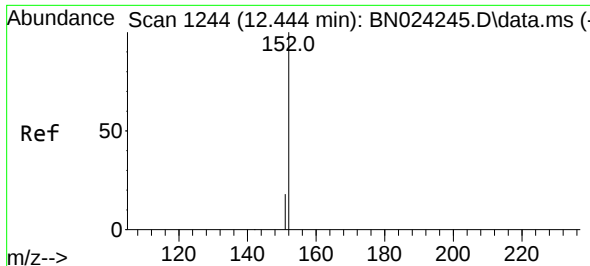
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#8
Nitrobenzene-d5
Concen: 0.325 ng m
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

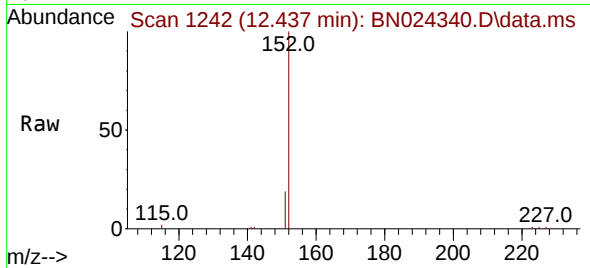
Tgt Ion: 82 Resp: 5585
Ion Ratio Lower Upper
82 100
128 34.2 32.4 48.6
54 64.4 45.2 67.8





#11
2-Methylnaphthalene-d10
Concen: 0.304 ng
RT: 12.437 min Scan# 1242
Delta R.T. -0.004 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

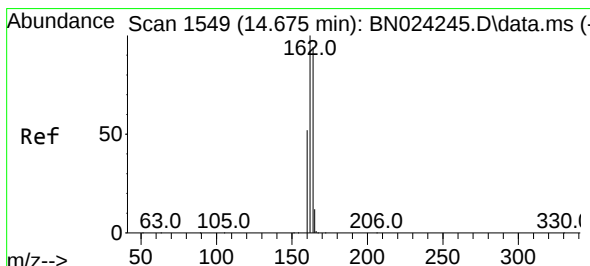
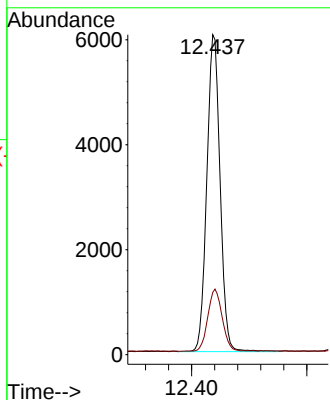
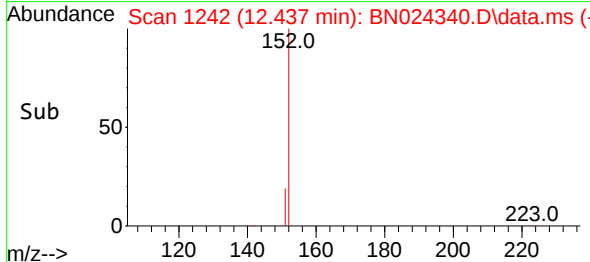
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TT149S1-20230309



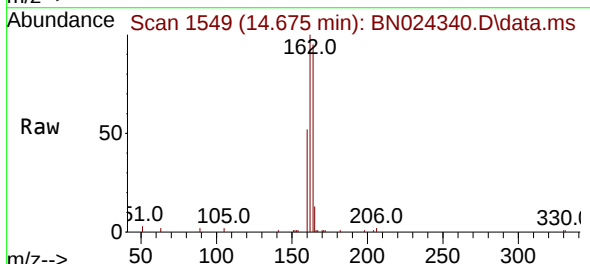
Tgt Ion:152 Resp: 963
Ion Ratio Lower Upper
152 100
151 21.5 16.8 25.2

Manual Integrations
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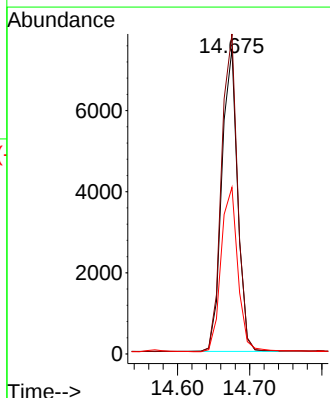
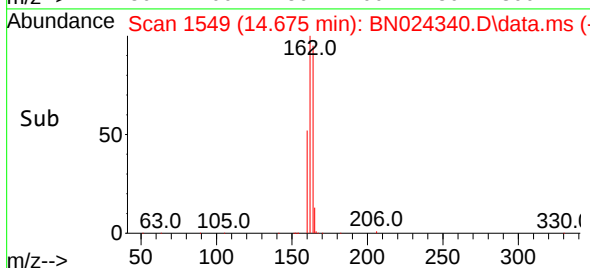
Reviewed By :Christian Giraldo 03/20/2023
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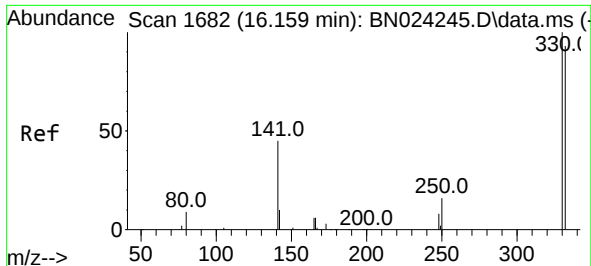


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22



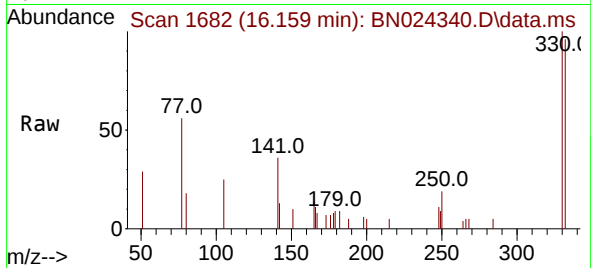
Tgt Ion:164 Resp: 11292
Ion Ratio Lower Upper
164 100
162 104.9 84.7 127.1
160 54.6 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 16.159 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

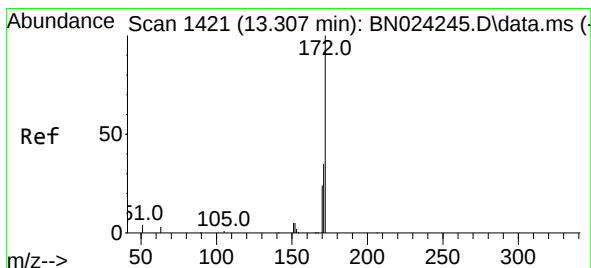
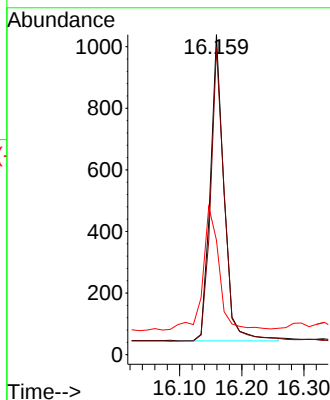
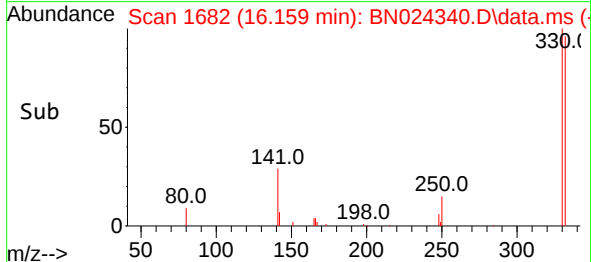
Instrument :
BNA_N
ClientSampleId :
TT149S1-20230309



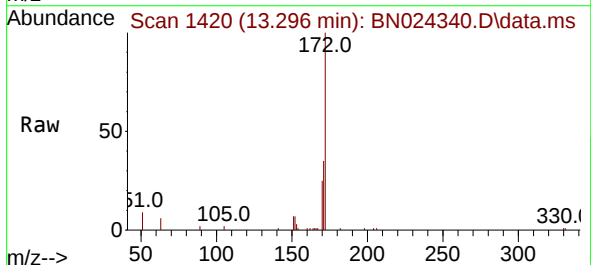
Tgt Ion:330 Resp: 1529
Ion Ratio Lower Upper
330 100
332 95.7 78.0 117.0
141 46.4 30.8 46.2

Manual Integrations
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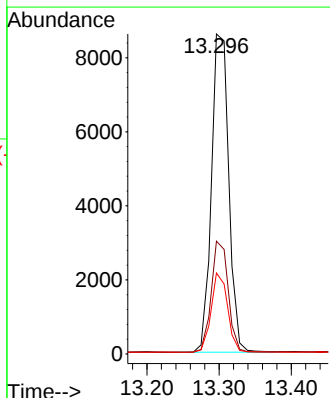
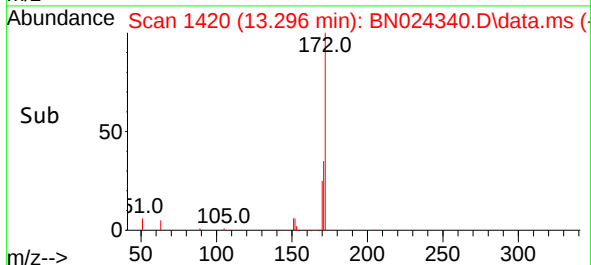
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

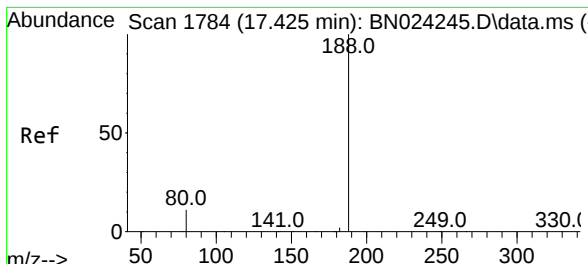


#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.296 min Scan# 1420
Delta R.T. -0.011 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22



Tgt Ion:172 Resp: 14366
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 25.3 19.0 28.6





#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.413 min Scan# 1783
 Delta R.T. 0.000 min
 Lab File: BN024340.D
 Acq: 17 Mar 2023 11:22

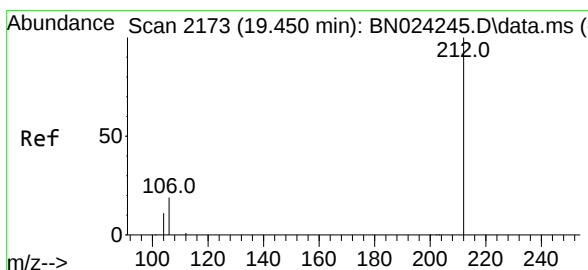
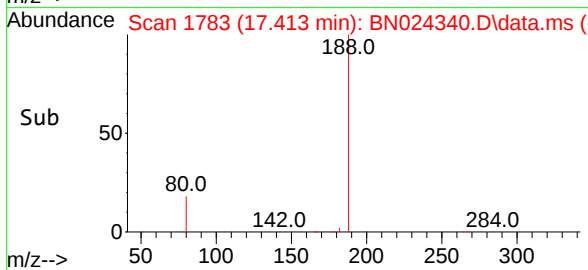
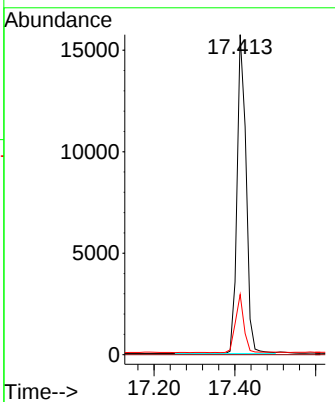
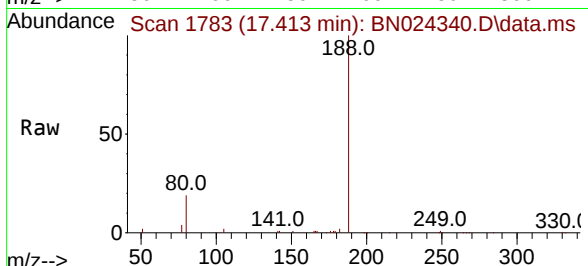
Instrument : BNA_N
 ClientSampleId : TT149S1-20230309

Tgt Ion:188 Resp: 2445

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.8	8.9	13.3

Manual Integrations
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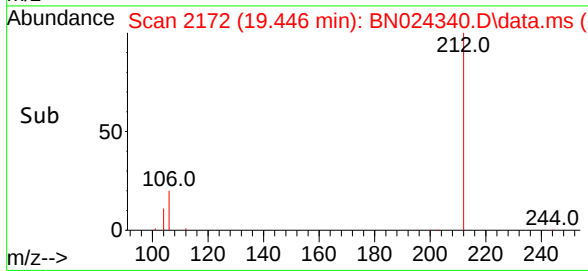
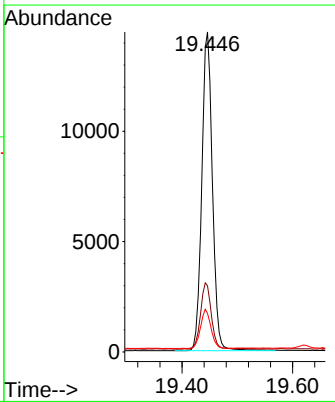
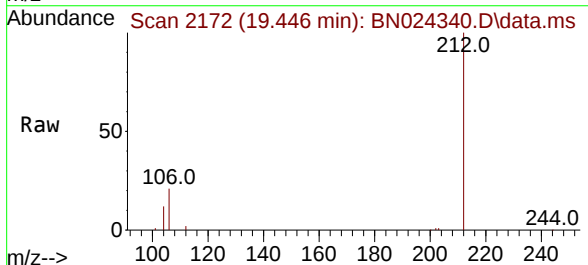
Reviewed By :Christian Giraldo 03/20/2023
 Supervised By :Jagrut Upadhyay 03/20/2023

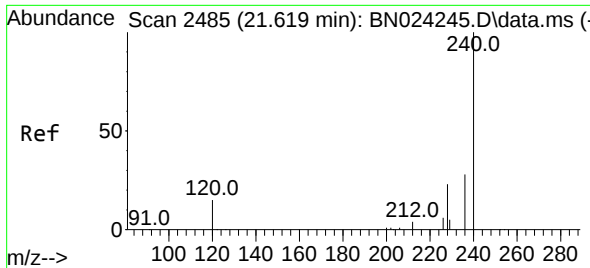


#27
 Fluoranthene-d10
 Concen: 0.371 ng
 RT: 19.446 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: BN024340.D
 Acq: 17 Mar 2023 11:22

Tgt Ion:212 Resp: 19244

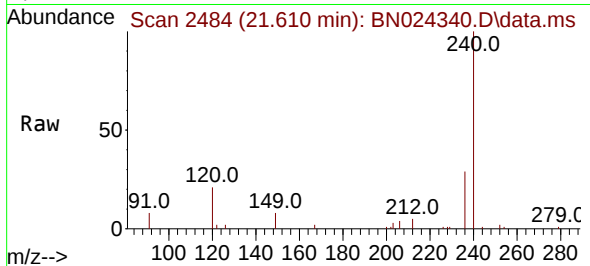
Ion	Ratio	Lower	Upper
212	100		
106	21.0	15.4	23.2
104	12.1	8.6	13.0





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22

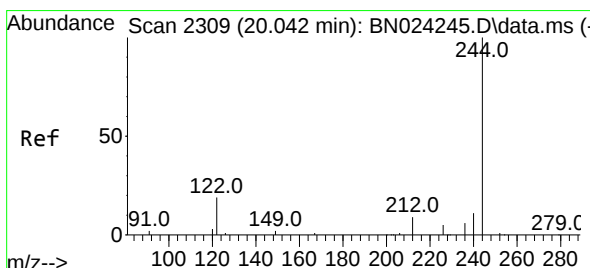
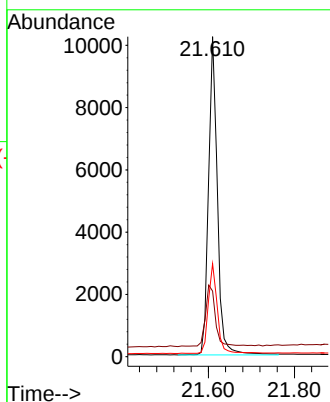
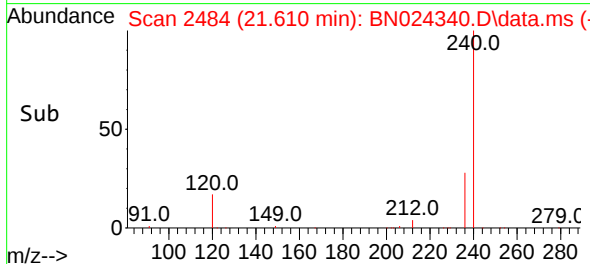
Instrument :
BNA_N
ClientSampleId :
TT149S1-20230309



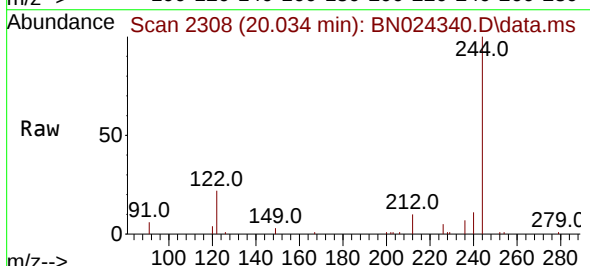
Tgt Ion:240 Resp: 1460
Ion Ratio Lower Upper
240 100
120 20.5 12.8 19.2
236 29.0 22.5 33.7

Manual Integrations
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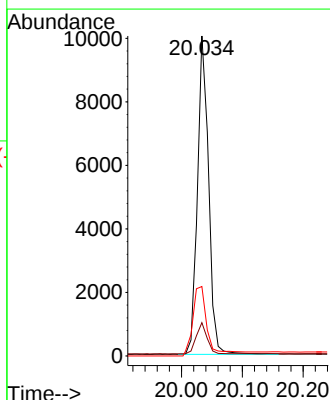
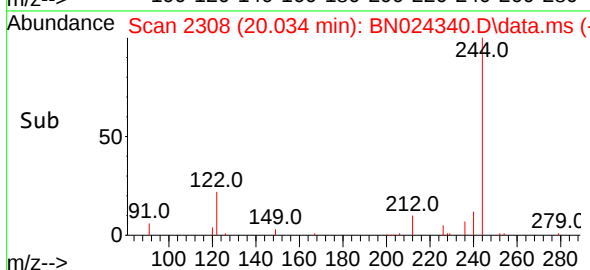
Reviewed By :Christian Giraldo 03/20/2023
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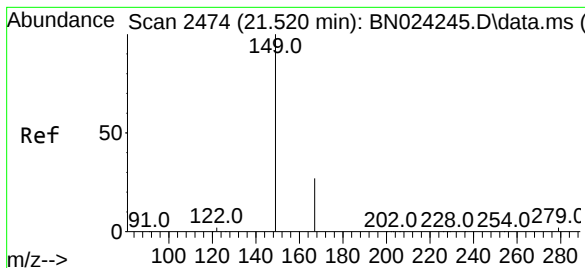


#31
Terphenyl-d14
Concen: 0.477 ng
RT: 20.034 min Scan# 2308
Delta R.T. 0.000 min
Lab File: BN024340.D
Acq: 17 Mar 2023 11:22



Tgt Ion:244 Resp: 11740
Ion Ratio Lower Upper
244 100
212 10.4 7.6 11.4
122 21.7 15.1 22.7





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.095 ng

RT: 21.502 min Scan# 2474

Delta R.T. 0.000 min

Lab File: BN024340.D

Acq: 17 Mar 2023 11:22

Instrument :

BNA_N

ClientSampleId :

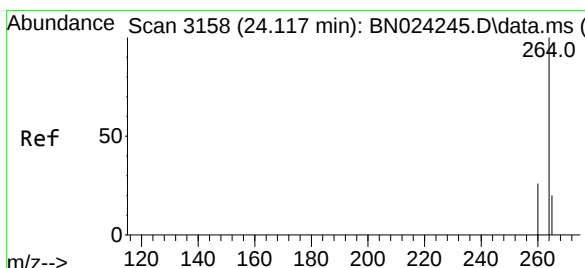
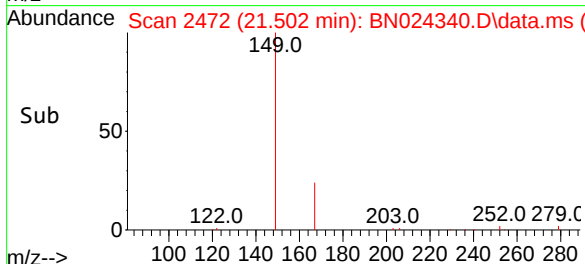
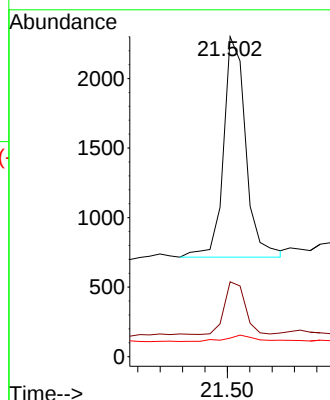
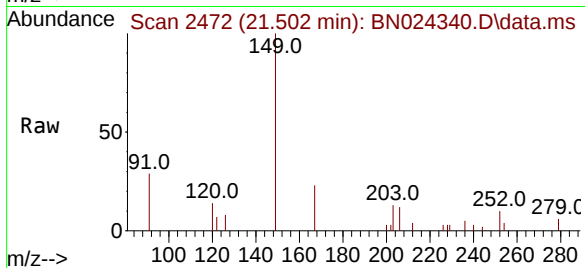
TT149S1-20230309

Tgt Ion:	149	Resp:	218
Ion Ratio	Lower	Upper	
149	100		
167	22.2	21.2	31.8
279	4.3	1.8	2.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.120 min Scan# 3159

Delta R.T. 0.006 min

Lab File: BN024340.D

Acq: 17 Mar 2023 11:22

Tgt Ion:	264	Resp:	4566
Ion Ratio	Lower	Upper	
264	100		
260	29.8	21.4	32.2
265	136.0	35.7	53.5

