

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
 Data File : BN024468.D
 Acq On : 22 Mar 2023 04:38
 Operator : CG/JU
 Sample : 01904-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EB02-20230313

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :Jagrut Upadhyay 03/22/2023

Quant Time: Mar 22 05:10:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 04:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.033	152	9857	0.400	ng	0.00
7) Naphthalene-d8	10.845	136	28777	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	14878	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	31661	0.400	ng	#-0.01
29) Chrysene-d12	21.592	240	20138	0.400	ng	0.00
35) Perylene-d12	24.073	264	15446	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3894	0.178	ng	0.00
5) Phenol-d6	7.188	99	2802	0.100	ng	0.00
8) Nitrobenzene-d5	9.190	82	8314m	0.432	ng	0.00
11) 2-Methylnaphthalene-d10	12.425	152	14057	0.397	ng	0.00
14) 2,4,6-Tribromophenol	16.147	330	2770	0.364	ng	0.00
15) 2-Fluorobiphenyl	13.285	172	23608	0.420	ng	-0.01
27) Fluoranthene-d10	19.433	212	29072	0.433	ng	0.00
31) Terphenyl-d14	20.025	244	20226	0.596	ng	0.00
Target Compounds						
25) Phenanthrene	17.450	178	1961	0.021	ng	# 87
34) Bis(2-ethylhexyl)phtha...	21.484	149	3808	0.120	ng	# 97

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

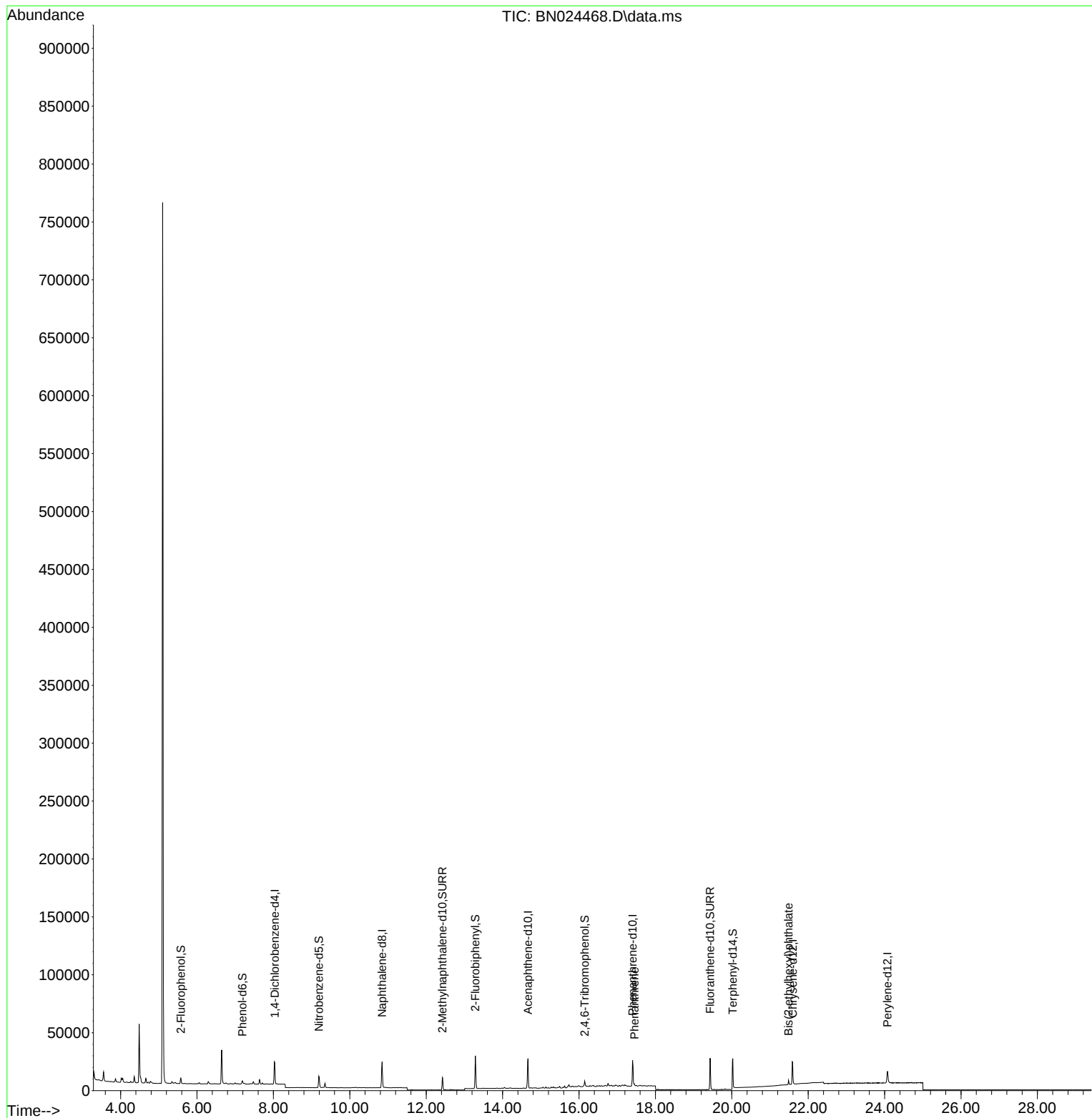
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032123\
Data File : BN024468.D
Acq On : 22 Mar 2023 04:38
Operator : CG/JU
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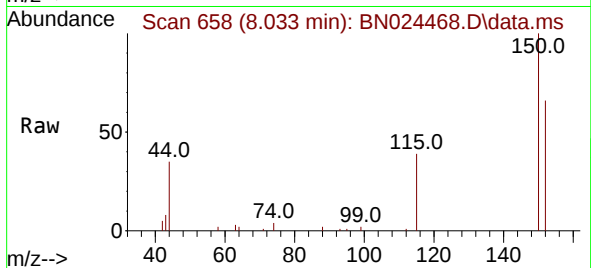
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.033 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN024468.D
Acq: 22 Mar 2023 04:38

Instrument :

BNA_N

ClientSampleId :

EB02-20230313

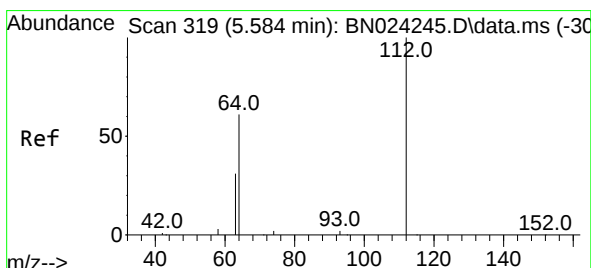
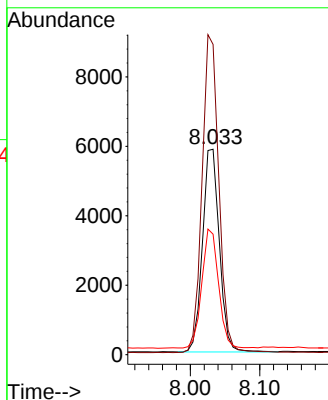
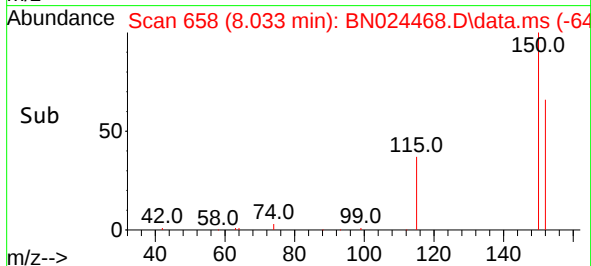


Tgt Ion:152 Resp: 985
Ion Ratio Lower Upper
152 100
150 151.0 124.7 187.1
115 58.6 49.1 73.7

Manual Integrations

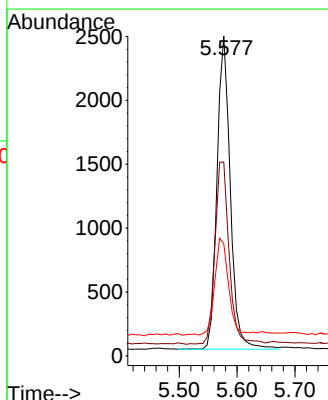
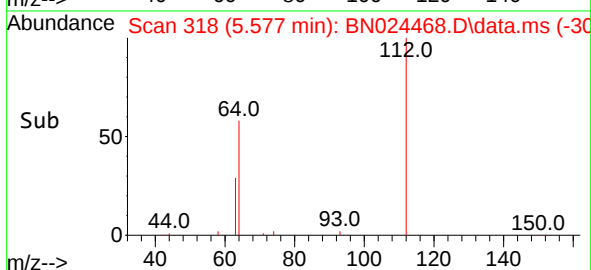
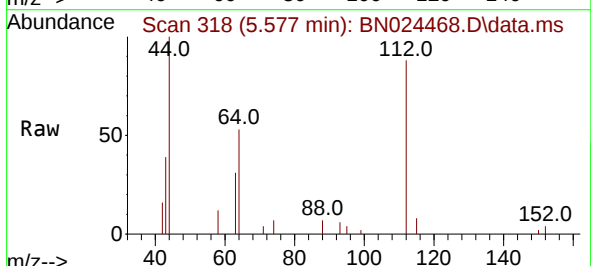
APPROVED

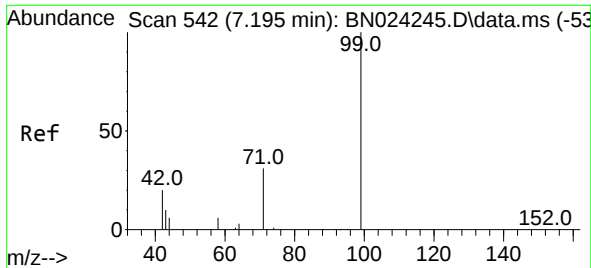
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.577 min Scan# 318
Delta R.T. -0.000 min
Lab File: BN024468.D
Acq: 22 Mar 2023 04:38

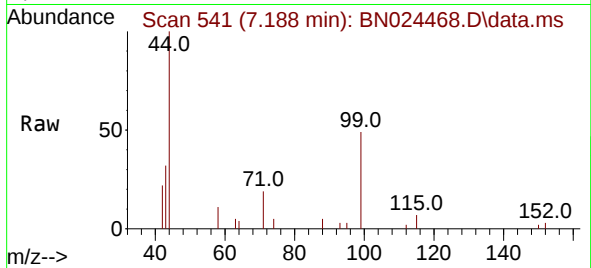
Tgt Ion:112 Resp: 3894
Ion Ratio Lower Upper
112 100
64 62.2 49.0 73.6
63 32.2 25.7 38.5





#5
Phenol-d6
Concen: 0.100 ng
RT: 7.188 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN024468.D
Acq: 22 Mar 2023 04:38

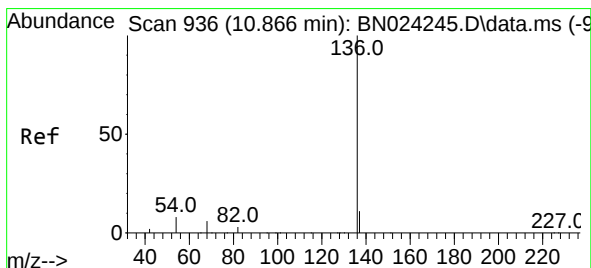
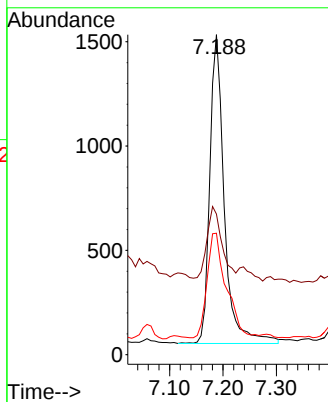
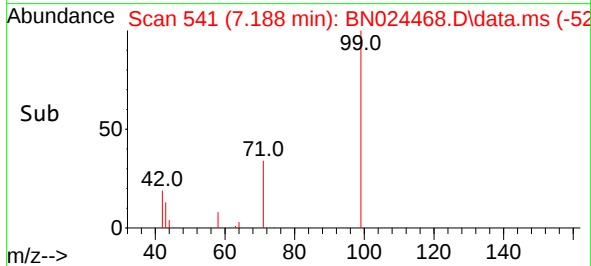
Instrument :
BNA_N
ClientSampleId :
EB02-20230313



Tgt Ion: 99 Resp: 2802
Ion Ratio Lower Upper
99 100
42 23.5 20.1 30.1
71 44.9 25.8 38.8

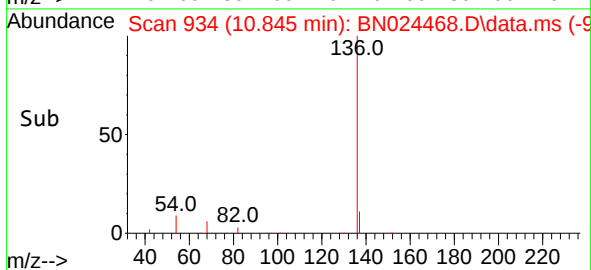
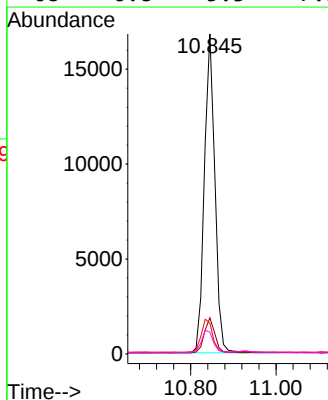
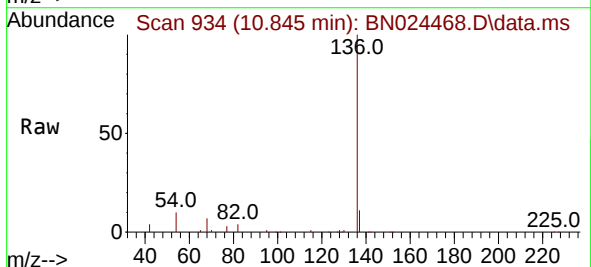
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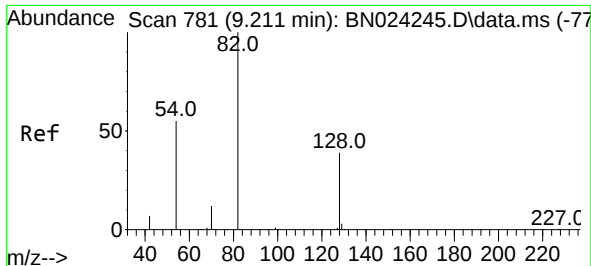
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.845 min Scan# 934
Delta R.T. -0.000 min
Lab File: BN024468.D
Acq: 22 Mar 2023 04:38

Tgt Ion:136 Resp: 28777
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.7 7.1 10.7
68 6.8 5.3 7.9





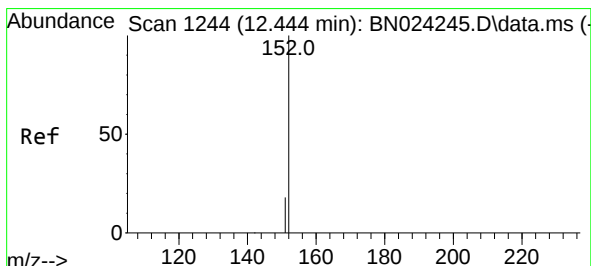
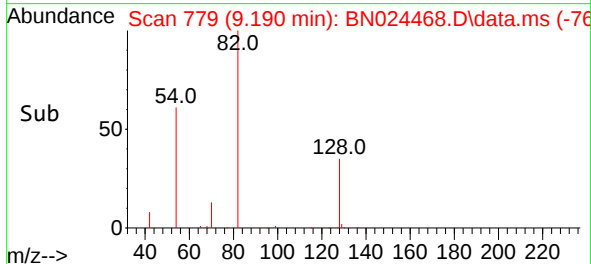
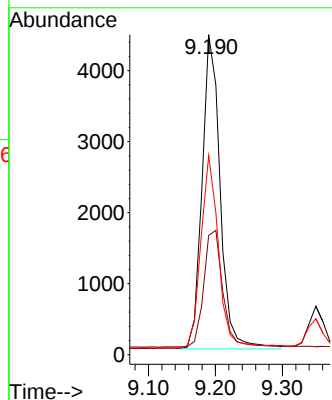
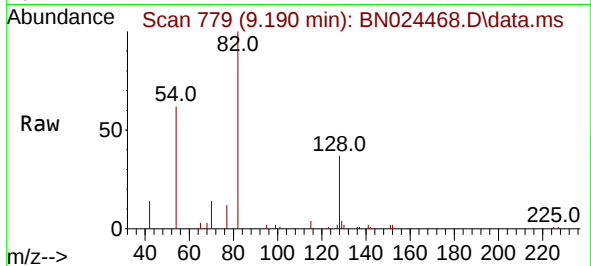
#8
Nitrobenzene-d5
Concen: 0.432 ng m
RT: 9.190 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN024468.D
Acq: 22 Mar 2023 04:38

Instrument :
BNA_N
ClientSampleId :
EB02-20230313

Tgt Ion: 82 Resp: 8314
Ion Ratio Lower Upper
82 100
128 37.3 32.4 48.6
54 62.3 45.2 67.8

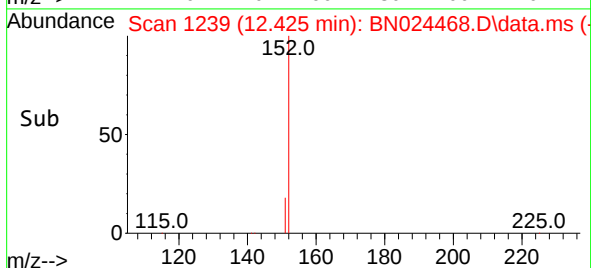
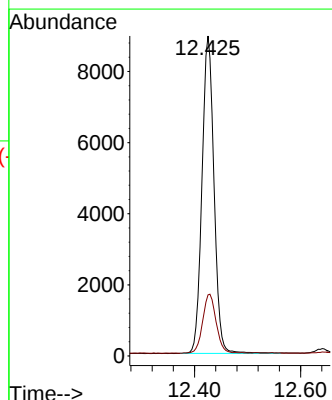
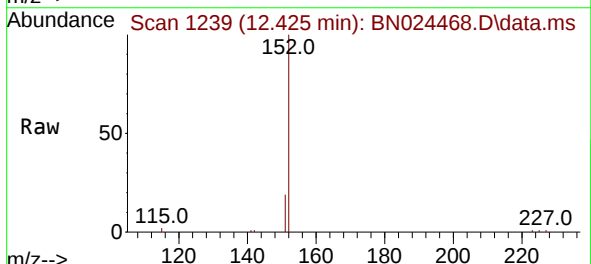
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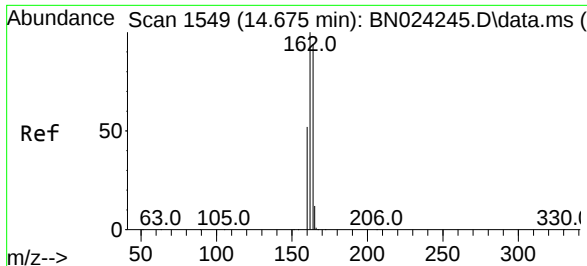
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023



#11
2-Methylnaphthalene-d10
Concen: 0.397 ng
RT: 12.425 min Scan# 1239
Delta R.T. -0.004 min
Lab File: BN024468.D
Acq: 22 Mar 2023 04:38

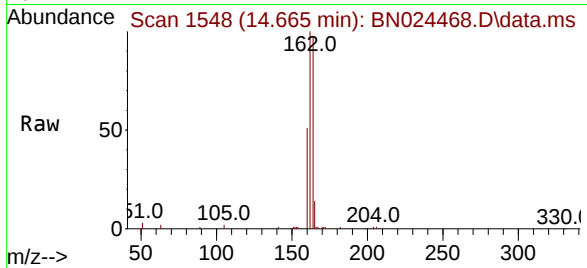
Tgt Ion:152 Resp: 14057
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. -0.000 min
Lab File: BN024468.D
Acq: 22 Mar 2023 04:38

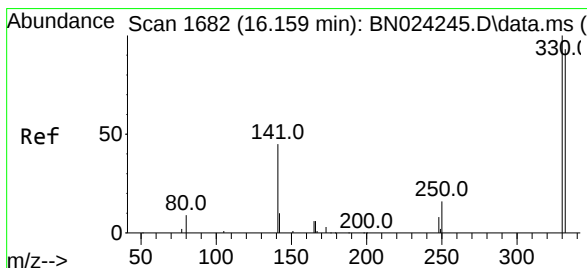
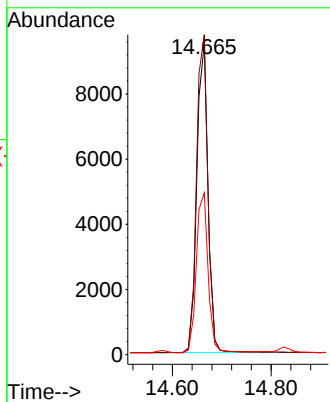
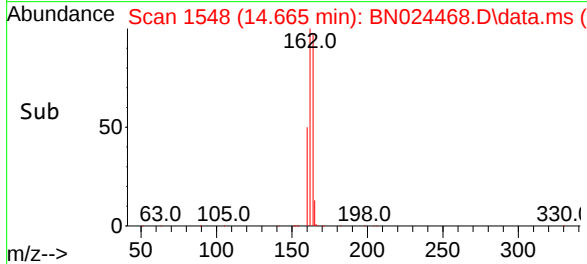
Instrument :
BNA_N
ClientSampleId :
EB02-20230313



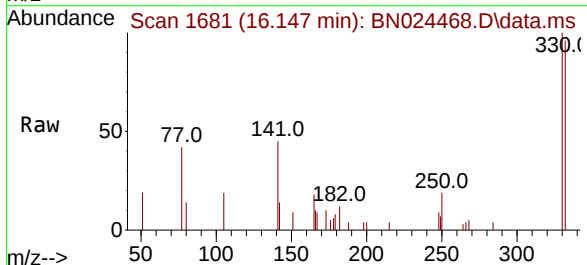
Tgt Ion:164 Resp: 14878
Ion Ratio Lower Upper
164 100
162 103.0 84.7 127.1
160 52.1 44.6 66.8

Manual Integrations
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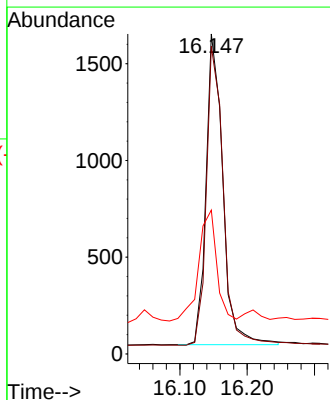
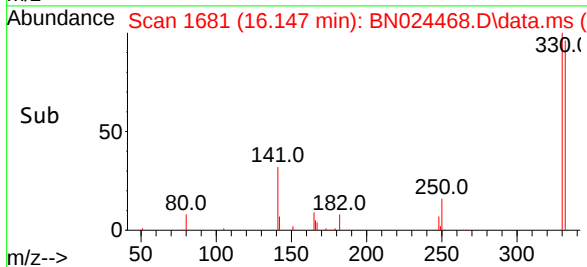
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

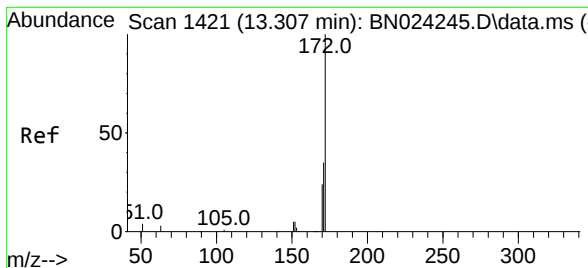


#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 16.147 min Scan# 1681
Delta R.T. -0.000 min
Lab File: BN024468.D
Acq: 22 Mar 2023 04:38



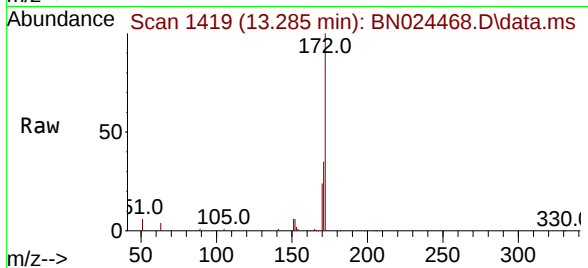
Tgt Ion:330 Resp: 2770
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 38.8 30.8 46.2





#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 13.285 min Scan# 1421
Delta R.T. -0.011 min
Lab File: BN024468.D
Acq: 22 Mar 2023 04:38

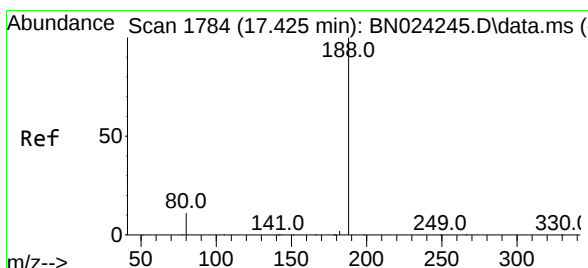
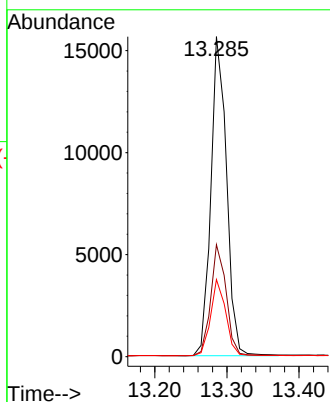
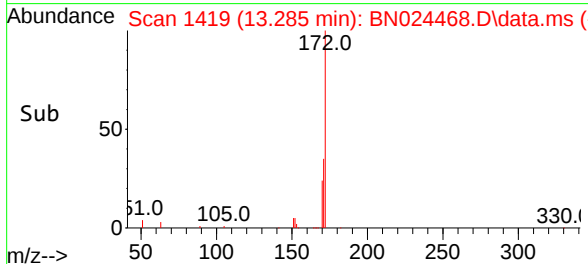
Instrument :
BNA_N
ClientSampleId :
EB02-20230313



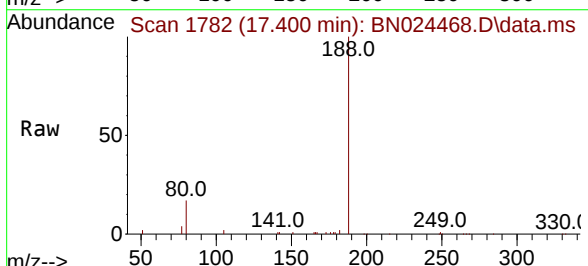
Tgt Ion:172 Resp: 23608
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 24.1 19.0 28.6

Manual Integrations
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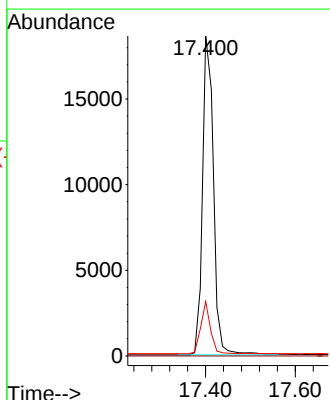
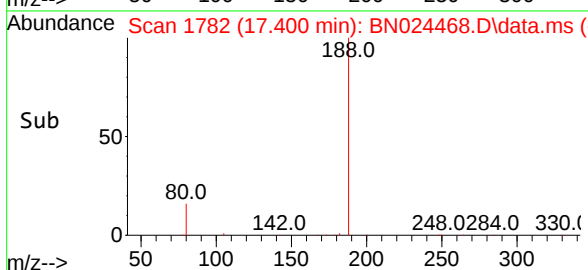
Reviewed By :Christian Giraldo 03/22/2023
Supervised By :Jagrut Upadhyay 03/22/2023

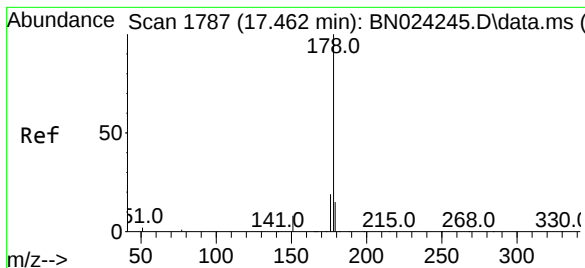


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.400 min Scan# 1782
Delta R.T. -0.012 min
Lab File: BN024468.D
Acq: 22 Mar 2023 04:38



Tgt Ion:188 Resp: 31661
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.0 8.9 13.3





#25

Phenanthrene

Concen: 0.021 ng

RT: 17.450 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN024468.D

Acq: 22 Mar 2023 04:38

Instrument :

BNA_N

ClientSampleId :

EB02-20230313

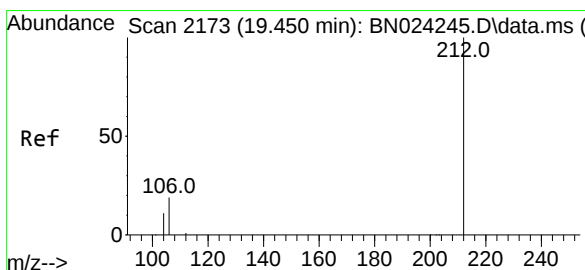
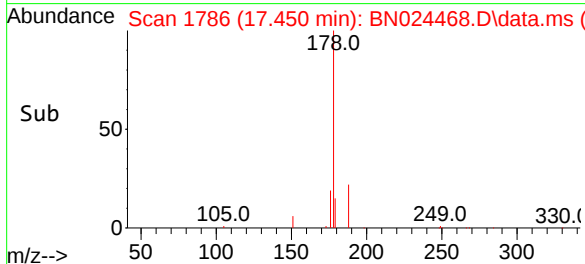
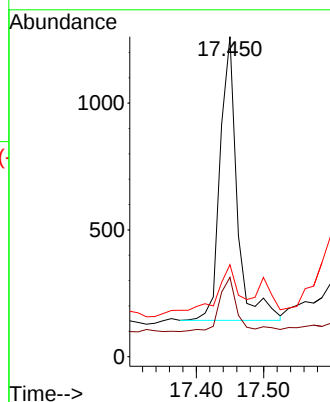
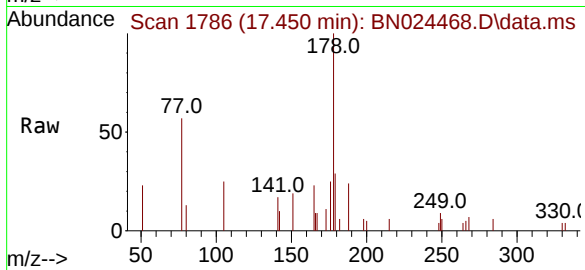
Tgt Ion:	178	Resp:	196
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.4	23.0
179	27.4	12.2	18.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/22/2023



#27

Fluoranthene-d10

Concen: 0.433 ng

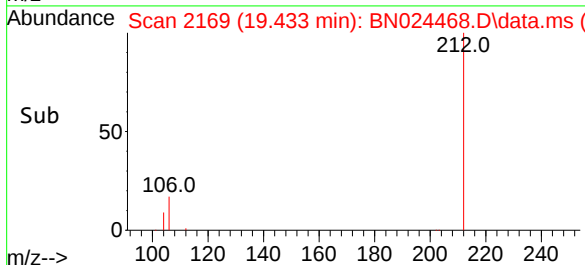
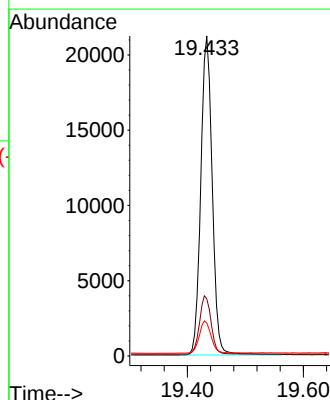
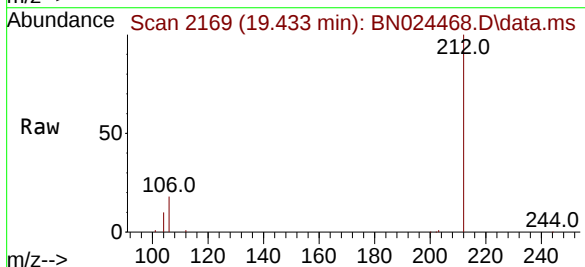
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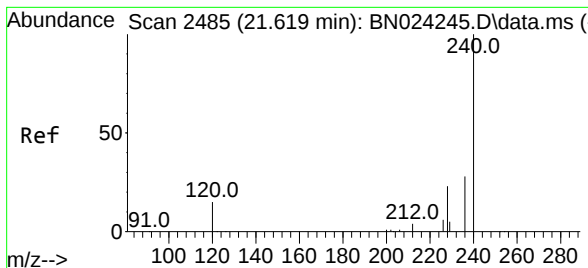
Delta R.T. -0.004 min

Lab File: BN024468.D

Acq: 22 Mar 2023 04:38

Tgt Ion:	212	Resp:	29072
Ion Ratio	Lower	Upper	
212	100		
106	18.5	15.4	23.2
104	10.5	8.6	13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.592 min Scan# 2485

Delta R.T. -0.000 min

Lab File: BN024468.D

Acq: 22 Mar 2023 04:38

Instrument :

BNA_N

ClientSampleId :

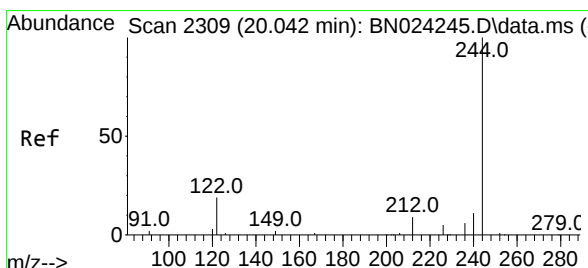
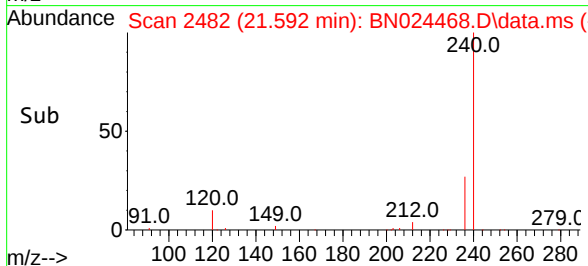
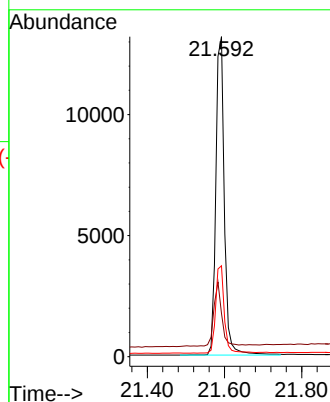
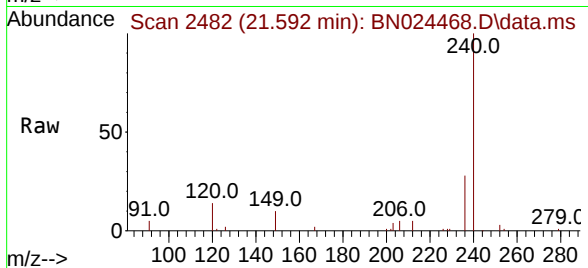
EB02-20230313

Tgt Ion:240	Resp:	20138
Ion Ratio	Lower	Upper
240	100	
120	13.5	12.8 19.2
236	28.4	22.5 33.7

Manual Integrations

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Supervised By :Jagrut Upadhyay 03/22/2023



#31

Terphenyl-d14

Concen: 0.596 ng

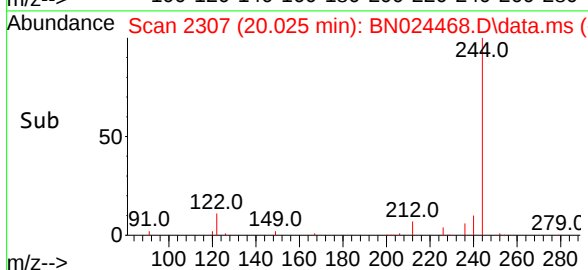
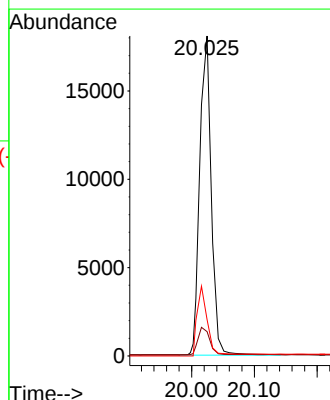
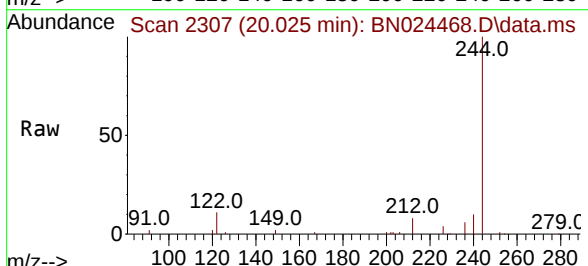
RT: 20.025 min Scan# 2307

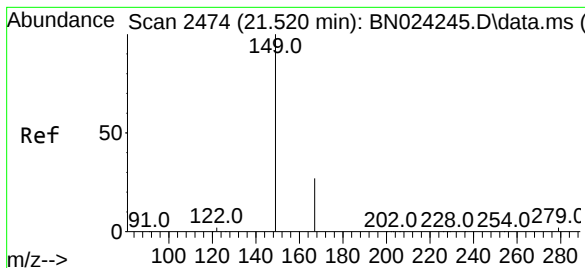
Delta R.T. -0.000 min

Lab File: BN024468.D

Acq: 22 Mar 2023 04:38

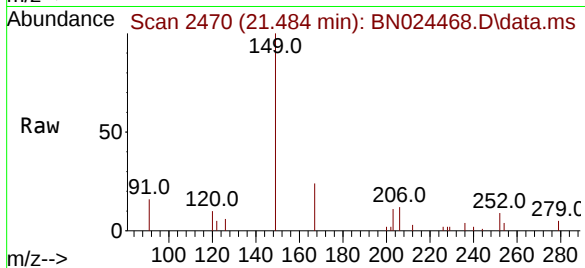
Tgt Ion:244	Resp:	20226
Ion Ratio	Lower	Upper
244	100	
212	7.6	7.6 11.4#
122	11.4	15.1 22.7#





#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.120 ng
 RT: 21.484 min Scan# 2474
 Delta R.T. -0.009 min
 Lab File: BN024468.D
 Acq: 22 Mar 2023 04:38

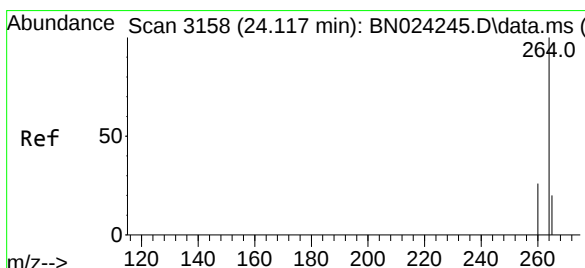
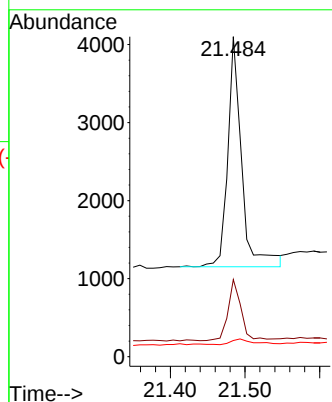
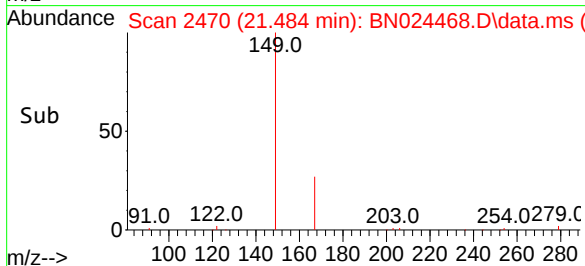
Instrument :
 BNA_N
 ClientSampleId :
 EB02-20230313



Tgt Ion:149 Resp: 3800
 Ion Ratio Lower Upper
 149 100
 167 25.2 21.2 31.8
 279 4.1 1.8 2.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 03/22/2023
 Supervised By :Jagrut Upadhyay 03/22/2023



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.073 min Scan# 3143
 Delta R.T. -0.006 min
 Lab File: BN024468.D
 Acq: 22 Mar 2023 04:38

Tgt Ion:264 Resp: 15446
 Ion Ratio Lower Upper
 264 100
 260 26.5 21.4 32.2
 265 82.3 35.7 53.5

