

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
 Data File : BN024378.D
 Acq On : 18 Mar 2023 12:34
 Operator : CG/JU
 Sample : 01880-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20230310

Manual Integrations
 APPROVED

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

Quant Time: Mar 20 01:09:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:49:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	10155	0.400	ng	0.00
7) Naphthalene-d8	10.856	136	30802	0.400	ng	0.00
13) Acenaphthene-d10	14.665	164	14740	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	29578	0.400	ng	# 0.00
29) Chrysene-d12	21.601	240	17173	0.400	ng	0.00
35) Perylene-d12	24.106	264	11000	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.577	112	3407	0.152	ng	0.00
5) Phenol-d6	7.188	99	2544	0.088	ng	0.00
8) Nitrobenzene-d5	9.201	82	7712m	0.375	ng	0.00
11) 2-Methylnaphthalene-d10	12.433	152	12695	0.335	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	1868	0.248	ng	0.00
15) 2-Fluorobiphenyl	13.296	172	20681	0.371	ng	0.00
27) Fluoranthene-d10	19.442	212	23062	0.368	ng	0.00
31) Terphenyl-d14	20.034	244	12340	0.426	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	100038	9.053	ng	97
34) Bis(2-ethylhexyl)phtha...	21.502	149	2813	0.104	ng	# 96

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

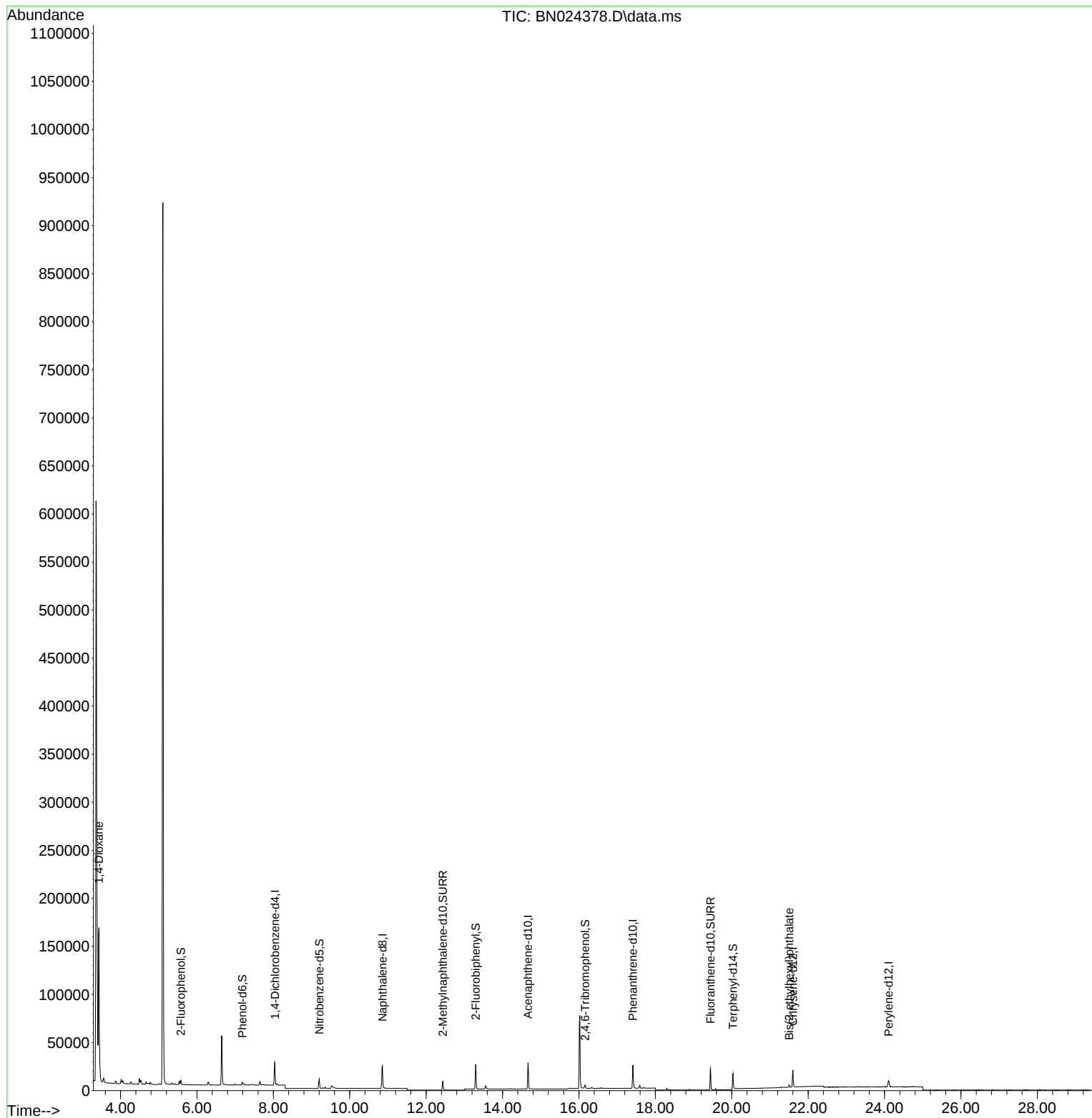
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031723\
Data File : BN024378.D
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Manual Integrations
APPROVED

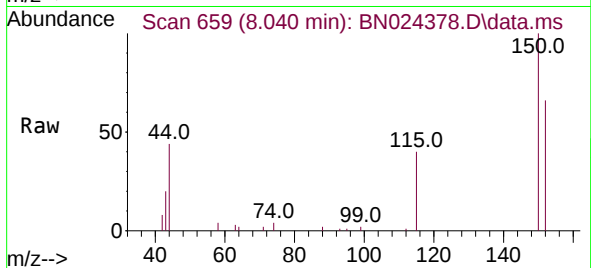
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.040 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34

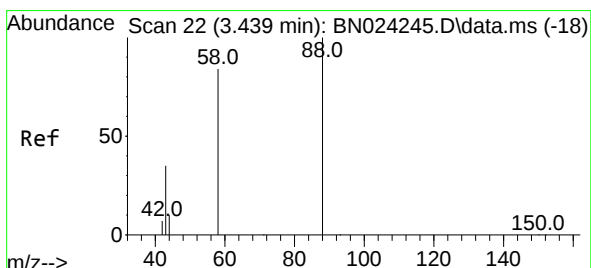
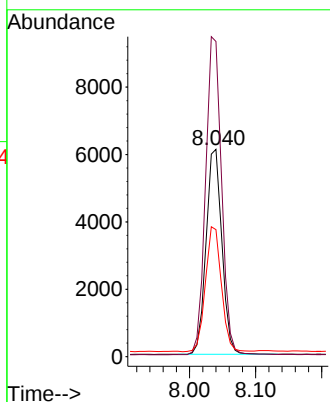
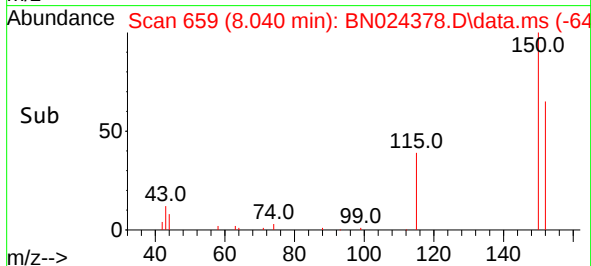
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310



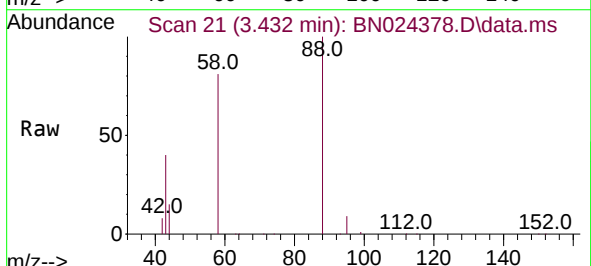
Tgt Ion: 152 Resp: 1015
Ion Ratio Lower Upper
152 100
150 152.0 124.7 187.1
115 61.3 49.1 73.7

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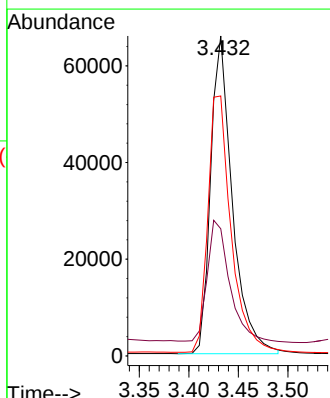
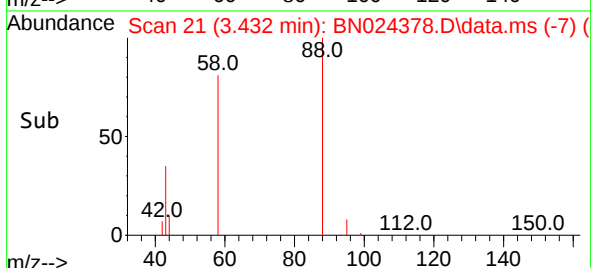
Reviewed By : Christian Giraldo 03/20/2023
Supervised By : Jagrut Upadhyay 03/20/2023



#2
1,4-Dioxane
Concen: 9.053 ng
RT: 3.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34



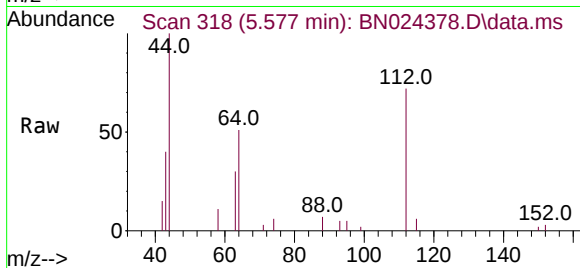
Tgt Ion: 88 Resp: 100038
Ion Ratio Lower Upper
88 100
43 39.2 29.0 43.4
58 86.3 67.3 100.9





#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.577 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34

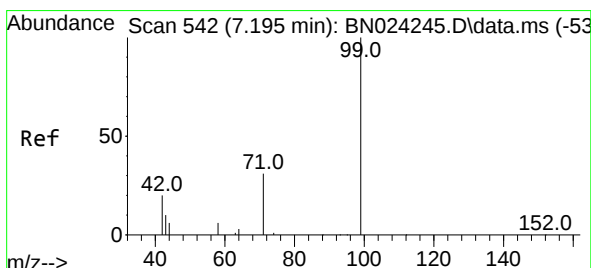
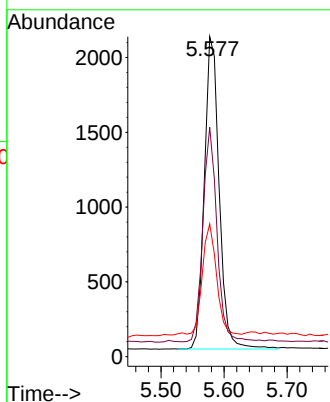
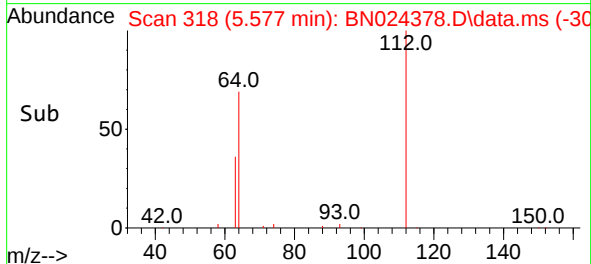
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310



Tgt Ion: 112 Resp: 340
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.6
63 35.4 25.7 38.5

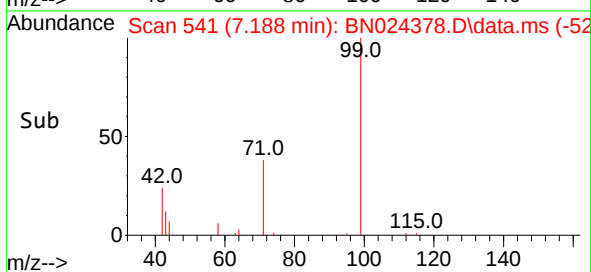
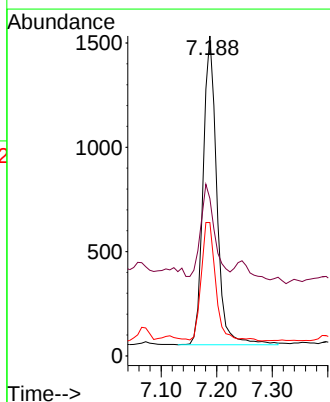
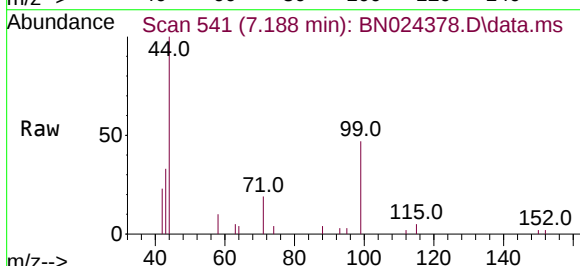
Manual Integrations
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Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#5
Phenol-d6
Concen: 0.088 ng
RT: 7.188 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34

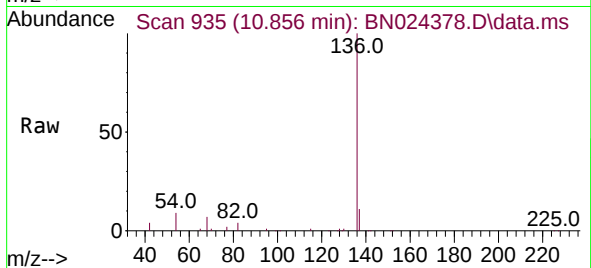
Tgt Ion: 99 Resp: 2544
Ion Ratio Lower Upper
99 100
42 29.8 20.1 30.1
71 40.4 25.8 38.8#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.856 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34

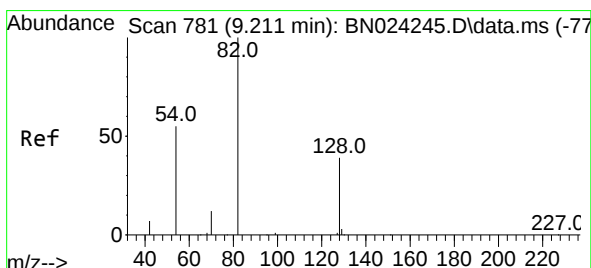
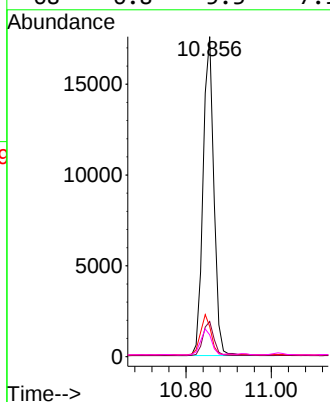
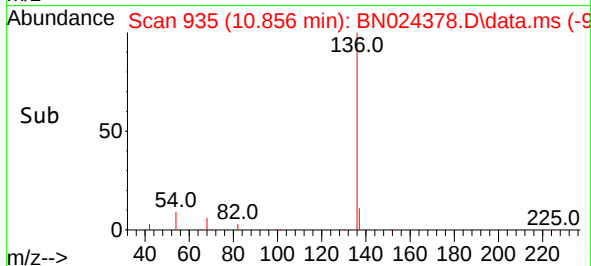
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.4	7.1	10.7
68	6.8	5.3	7.9

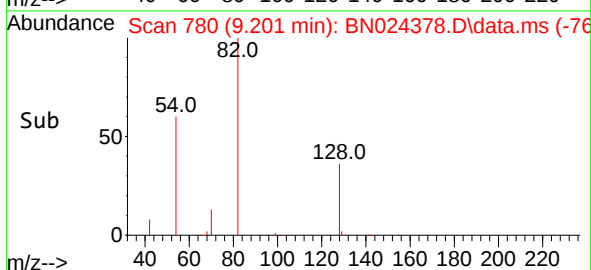
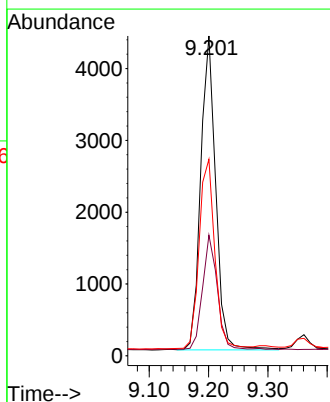
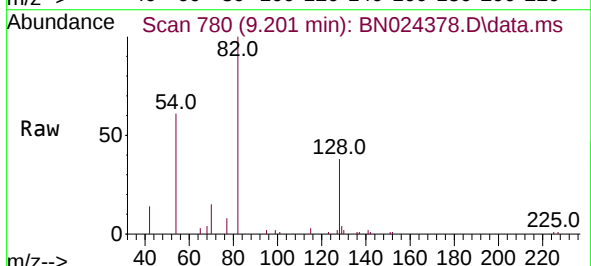
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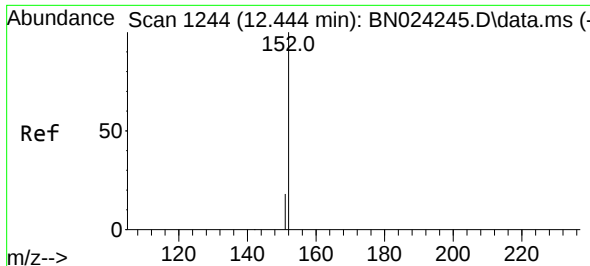
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#8
Nitrobenzene-d5
Concen: 0.375 ng m
RT: 9.201 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34

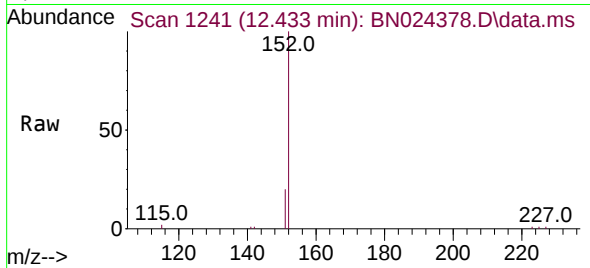
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.7	32.4	48.6
54	61.4	45.2	67.8





#11
2-Methylnaphthalene-d10
Concen: 0.335 ng
RT: 12.433 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34

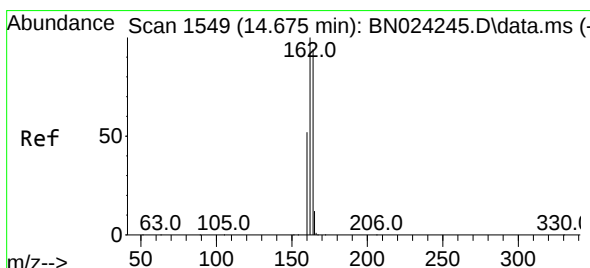
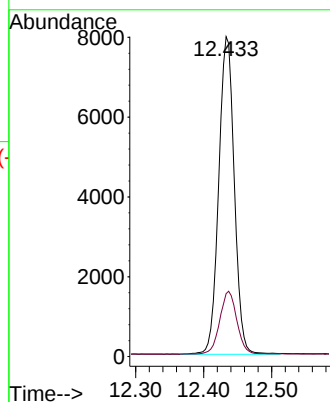
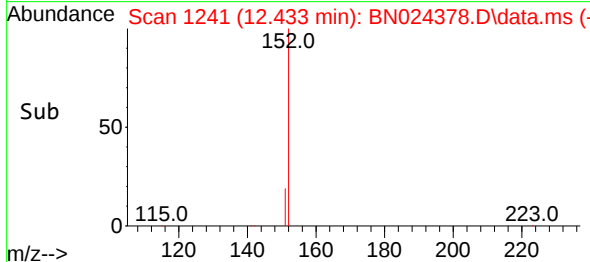
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310



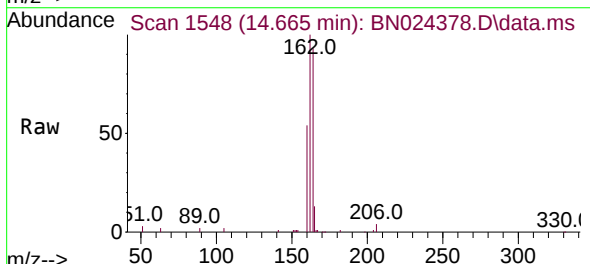
Tgt Ion:152 Resp: 12695
Ion Ratio Lower Upper
152 100
151 21.7 16.8 25.2

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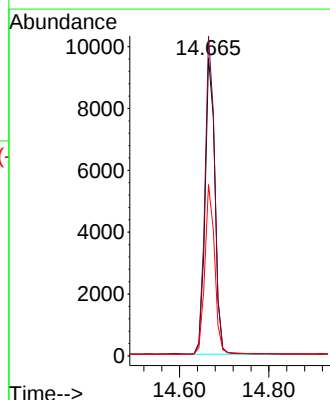
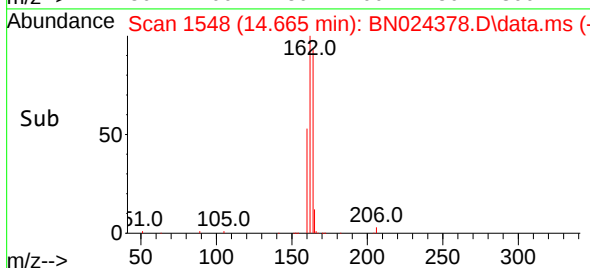
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

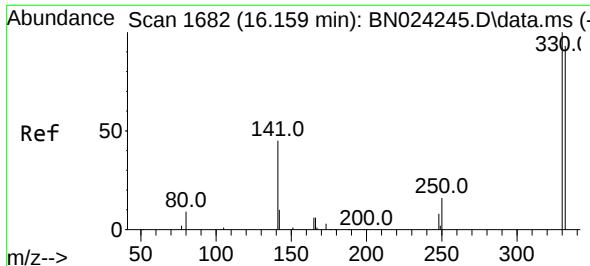


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.665 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34



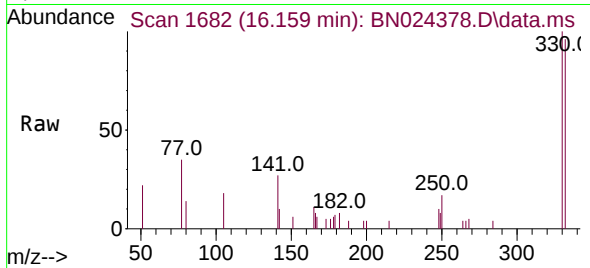
Tgt Ion:164 Resp: 14740
Ion Ratio Lower Upper
164 100
162 107.4 84.7 127.1
160 57.5 44.6 66.8





#14
2,4,6-Tribromophenol
Concen: 0.248 ng
RT: 16.159 min Scan# 1682
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34

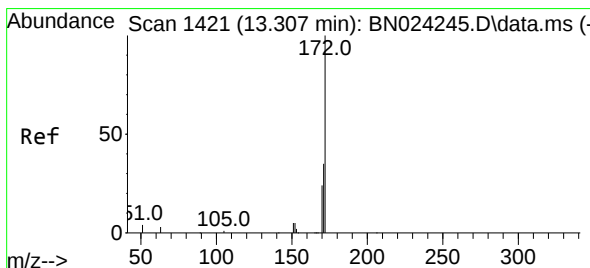
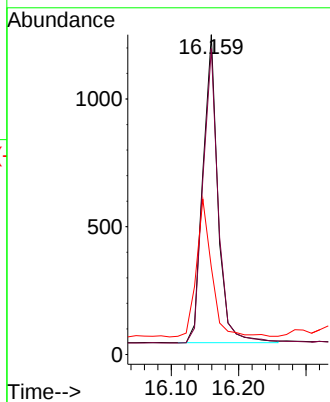
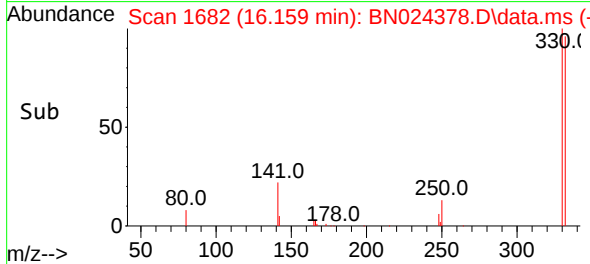
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310



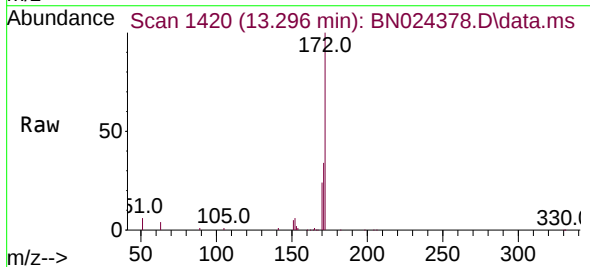
Tgt Ion: 330 Resp: 1868
Ion Ratio Lower Upper
330 100
332 97.7 78.0 117.0
141 45.7 30.8 46.2

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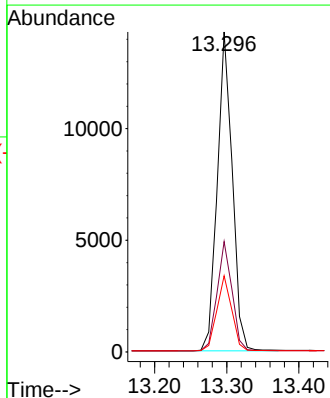
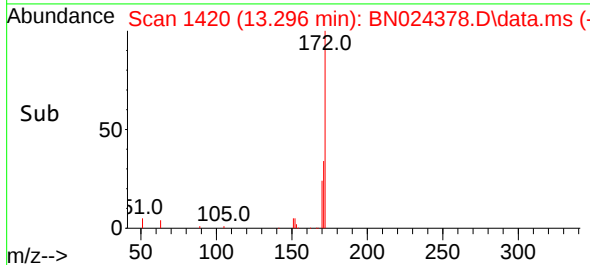
Reviewed By : Christian Giraldo 03/20/2023
Supervised By : Jagrut Upadhyay 03/20/2023



#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.296 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34



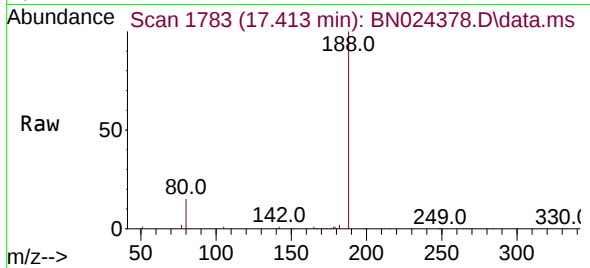
Tgt Ion: 172 Resp: 20681
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.8 19.0 28.6





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.413 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34

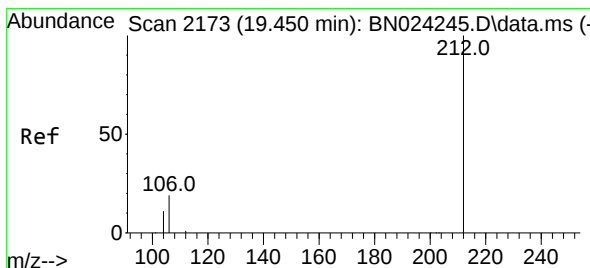
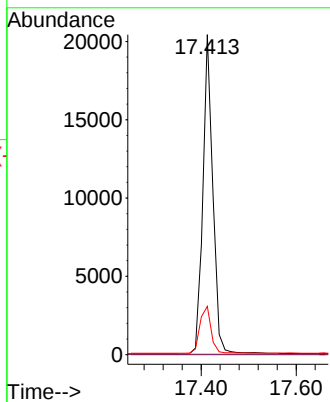
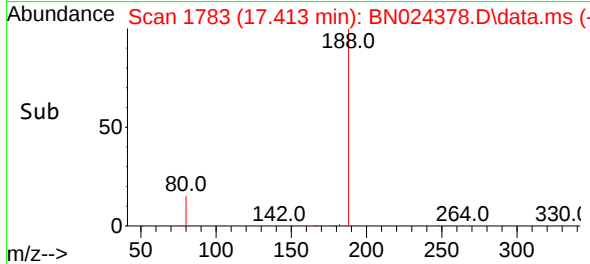
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310



Tgt Ion:188 Resp: 29578
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.1 8.9 13.3

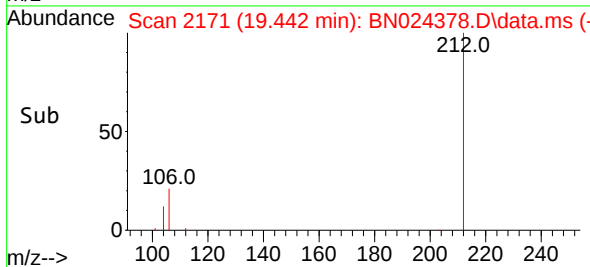
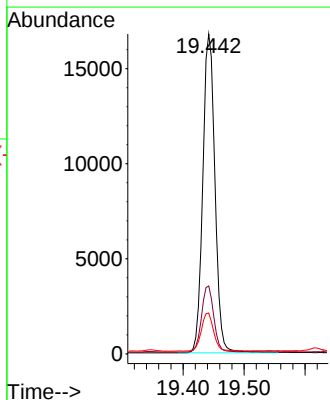
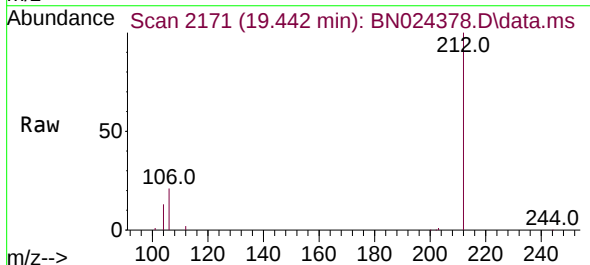
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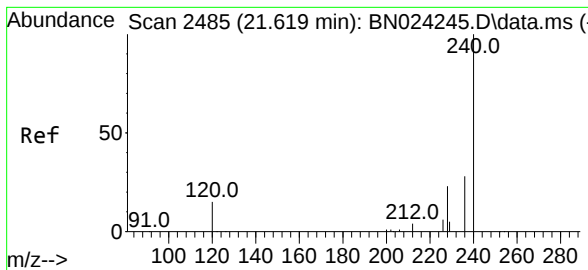
Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023



#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.442 min Scan# 2171
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34

Tgt Ion:212 Resp: 23062
Ion Ratio Lower Upper
212 100
106 20.8 15.4 23.2
104 12.1 8.6 13.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.601 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BN024378.D

Acq: 18 Mar 2023 12:34

Instrument :

BNA_N

ClientSampleId :

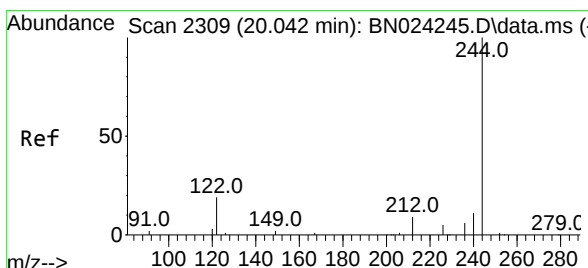
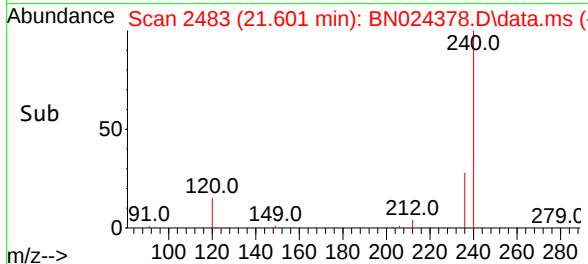
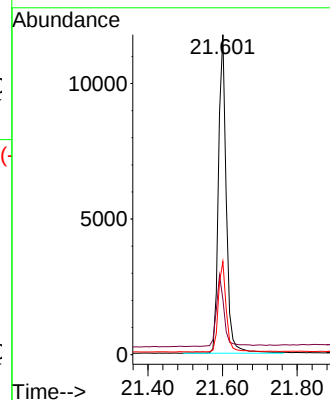
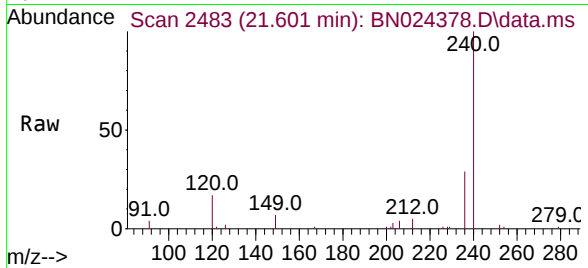
RE125D2-20230310

Tgt Ion:	240	Resp:	1717
Ion Ratio	Lower	Upper	
240	100		
120	17.3	12.8	19.2
236	29.1	22.5	33.7

Manual Integrations

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



#31

Terphenyl-d14

Concen: 0.426 ng

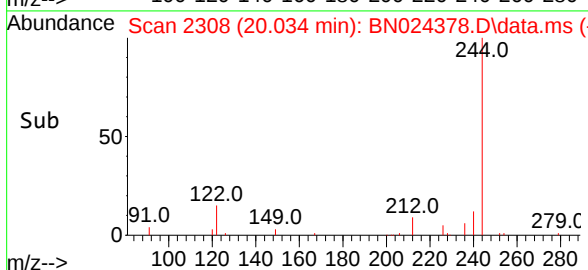
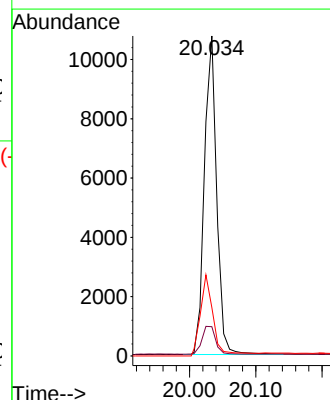
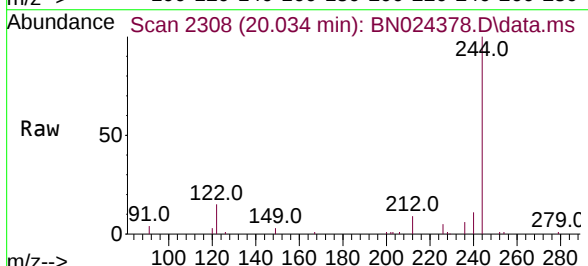
RT: 20.034 min Scan# 2308

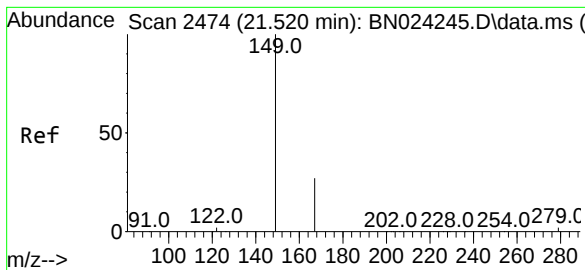
Delta R.T. 0.000 min

Lab File: BN024378.D

Acq: 18 Mar 2023 12:34

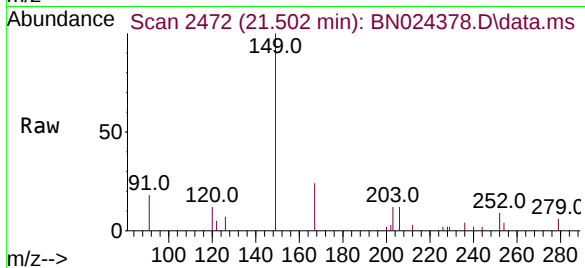
Tgt Ion:	244	Resp:	12340
Ion Ratio	Lower	Upper	
244	100		
212	9.1	7.6	11.4
122	15.1	15.1	22.7





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.502 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34

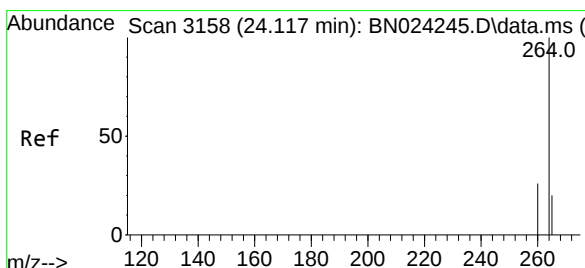
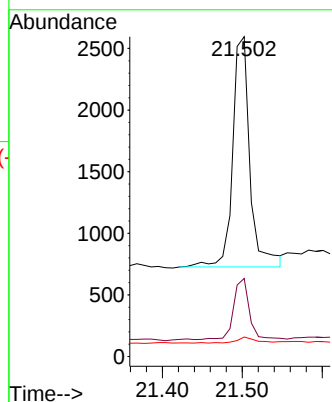
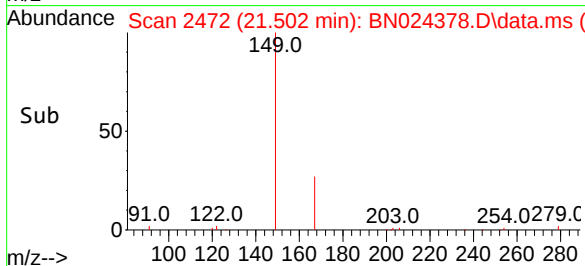
Instrument :
BNA_N
ClientSampleId :
RE125D2-20230310



Tgt Ion:149 Resp: 2813
Ion Ratio Lower Upper
149 100
167 24.1 21.2 31.8
279 2.8 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: 24.106 min Scan# 3154
Delta R.T. 0.009 min
Lab File: BN024378.D
Acq: 18 Mar 2023 12:34

Tgt Ion:264 Resp: 11000
Ion Ratio Lower Upper
264 100
260 28.0 21.4 32.2
265 74.2 35.7 53.5

