

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
 Data File : BN020614.D
 Acq On : 02 Jul 2022 04:10
 Operator : CG/JU
 Sample : N3458-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20220622

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/05/2022
 Supervised By : Jagrut Upadhyay 07/05/2022

Quant Time: Jul 02 05:22:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 03:10:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	3275	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	9908	0.400	ng	# 0.00
13) Acenaphthene-d10	14.474	164	5704	0.400	ng	0.00
19) Phenanthrene-d10	17.225	188	11784	0.400	ng	# 0.00
29) Chrysene-d12	21.431	240	9554	0.400	ng	0.00
35) Perylene-d12	23.781	264	7581	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.420	112	744	0.082	ng	0.00
5) Phenol-d6	7.053	99	393	0.036	ng	0.02
8) Nitrobenzene-d5	9.014	82	1502m	0.187	ng	0.02
11) 2-Methylnaphthalene-d10	12.231	152	4049	0.238	ng	0.00
14) 2,4,6-Tribromophenol	15.984	330	376	0.175	ng	0.01
15) 2-Fluorobiphenyl	13.105	172	5737	0.244	ng	0.00
27) Fluoranthene-d10	19.269	212	10073	0.288	ng	0.00
31) Terphenyl-d14	19.868	244	7455	0.327	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	17511	4.079	ng	94
34) Bis(2-ethylhexyl)phtha...	21.351	149	1118	0.058	ng	# 100

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

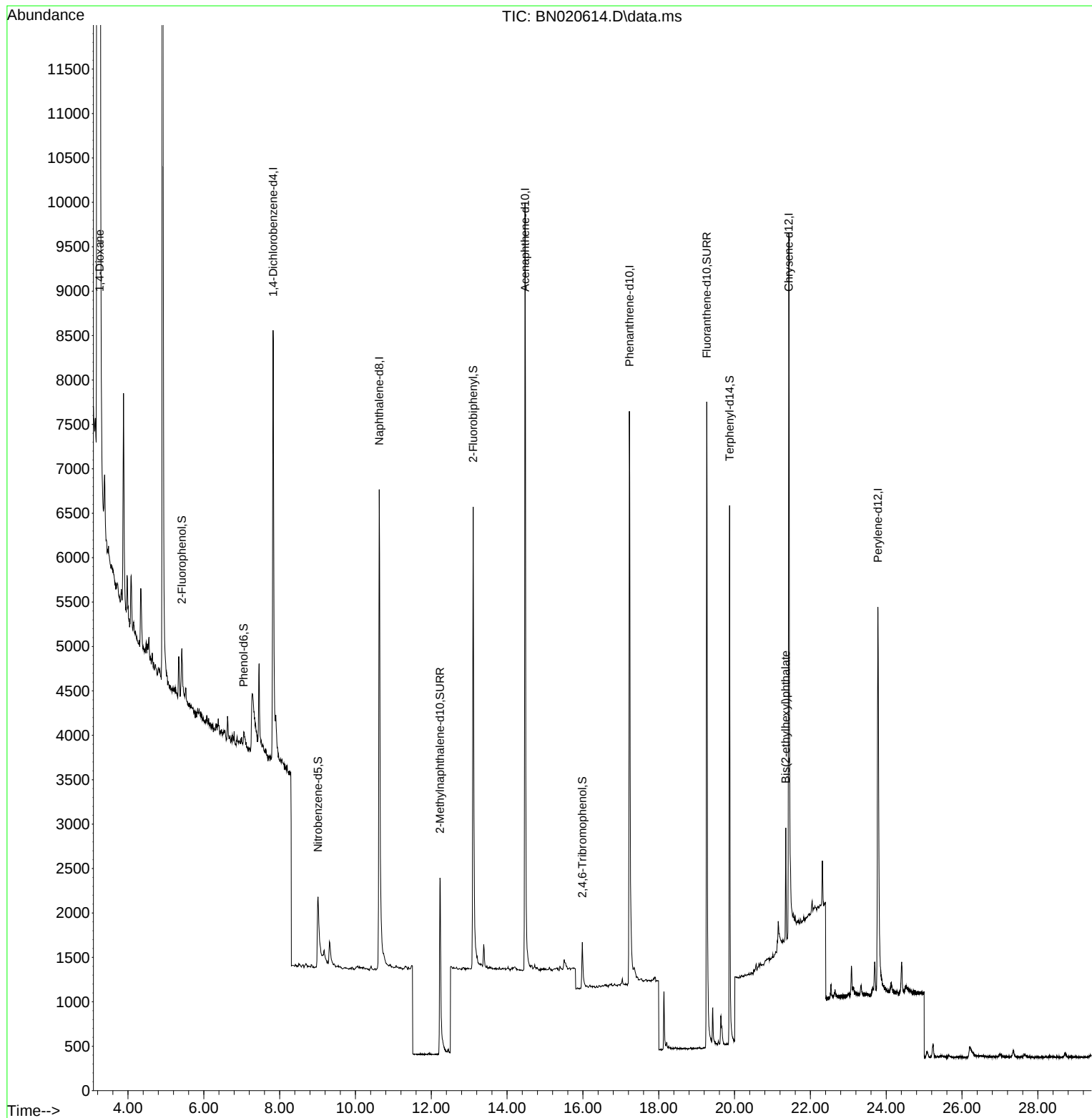
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
Data File : BN020614.D
Acq On : 02 Jul 2022 04:10
Operator : CG/JU
Sample : N3458-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE120D2-20220622

Quant Time: Jul 02 05:22:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

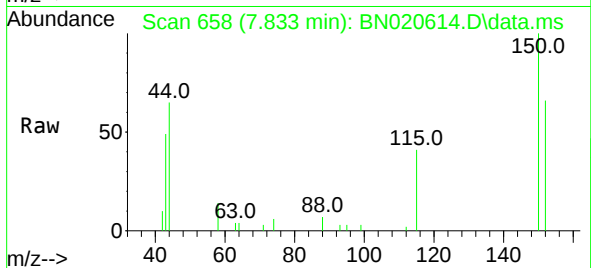
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. 0.008 min
 Lab File: BN020614.D
 Acq: 02 Jul 2022 04:10

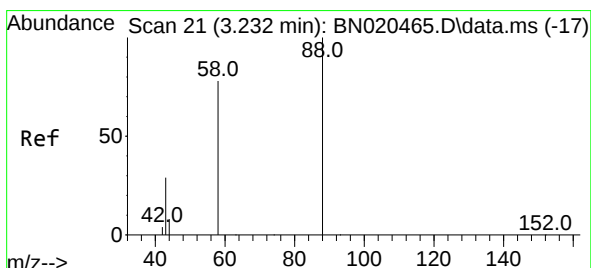
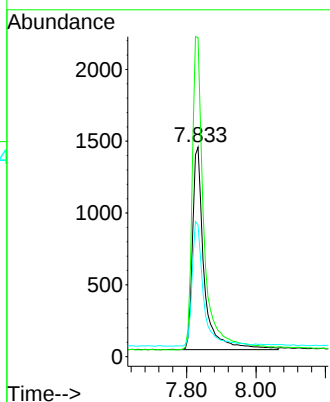
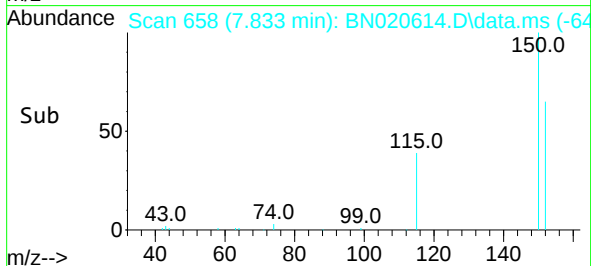
Instrument :
 BNA_N
 ClientSampleId :
 RE120D2-20220622



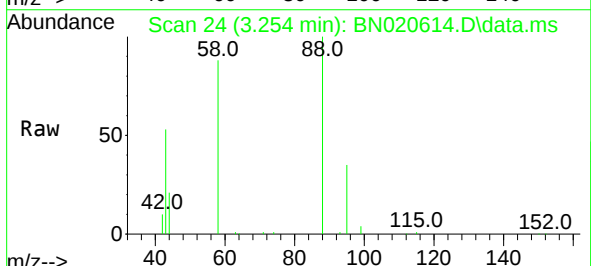
Tgt Ion:152 Resp: 3275
 Ion Ratio Lower Upper
 152 100
 150 152.4 127.9 191.9
 115 62.8 51.4 77.2

Manual Integrations
 APPROVED

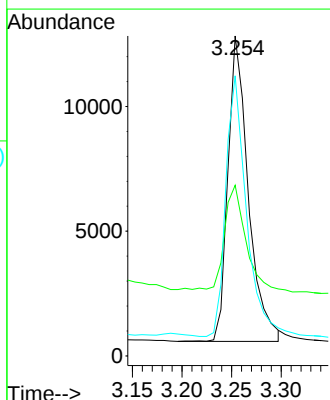
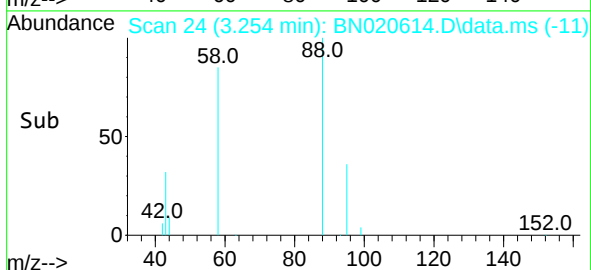
Reviewed By :Christian Giraldo 07/05/2022
 Supervised By :Jagrut Upadhyay 07/05/2022

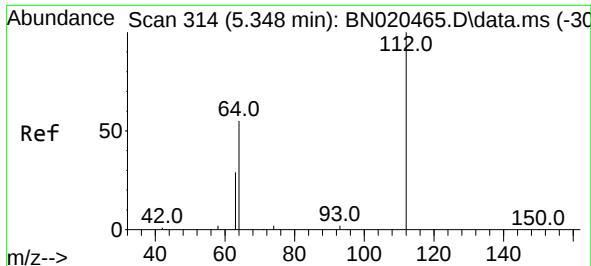


#2
 1,4-Dioxane
 Concen: 4.079 ng
 RT: 3.254 min Scan# 24
 Delta R.T. -0.007 min
 Lab File: BN020614.D
 Acq: 02 Jul 2022 04:10



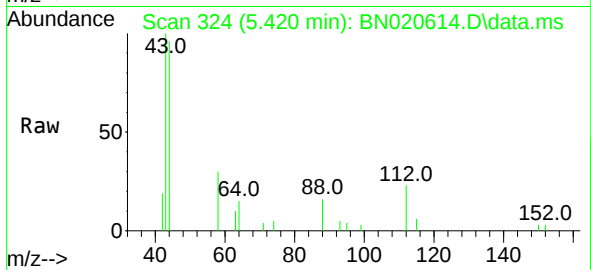
Tgt Ion: 88 Resp: 17511
 Ion Ratio Lower Upper
 88 100
 43 34.5 30.2 45.2
 58 85.7 73.0 109.6





#4
2-Fluorophenol
Concen: 0.082 ng
RT: 5.420 min Scan# 314
Delta R.T. 0.007 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

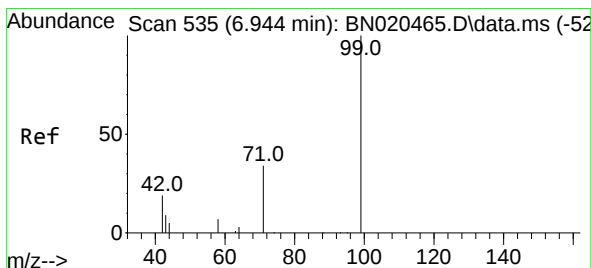
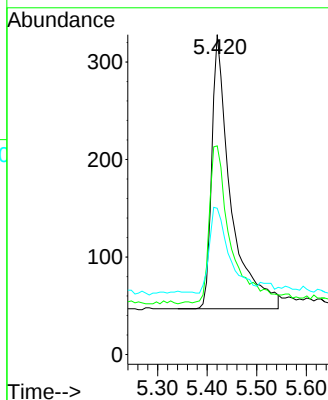
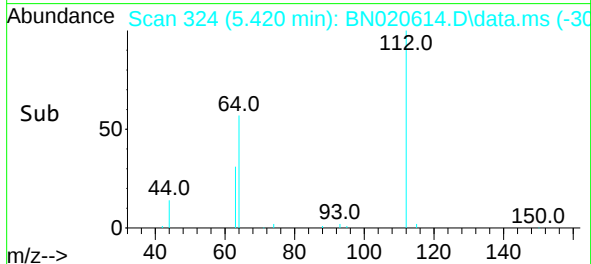
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220622



Tgt Ion: 112 Resp: 744
Ion Ratio Lower Upper
112 100
64 63.8 49.1 73.7
63 33.1 26.3 39.5

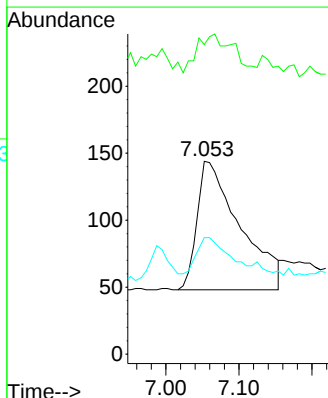
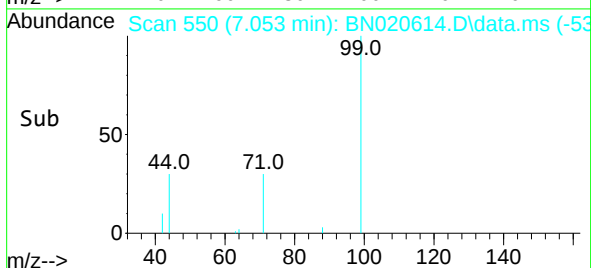
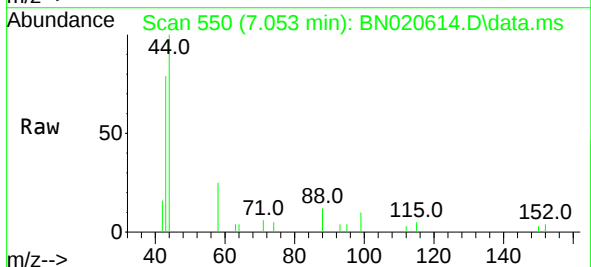
Manual Integrations
APPROVED

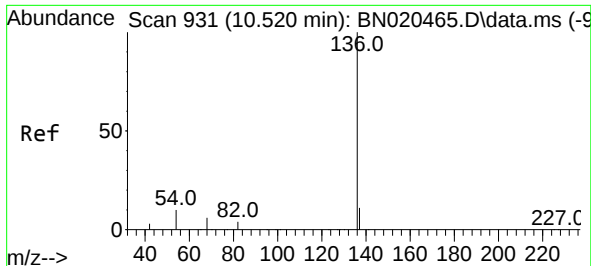
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#5
Phenol-d6
Concen: 0.036 ng
RT: 7.053 min Scan# 550
Delta R.T. 0.022 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

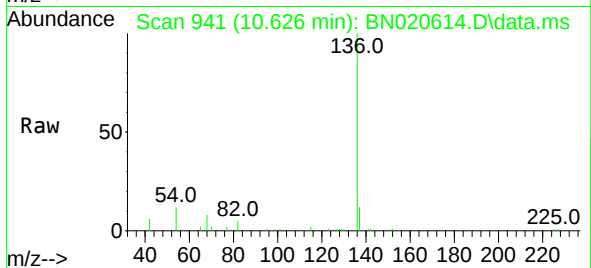
Tgt Ion: 99 Resp: 393
Ion Ratio Lower Upper
99 100
42 23.9 19.3 28.9
71 27.7 27.5 41.3





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

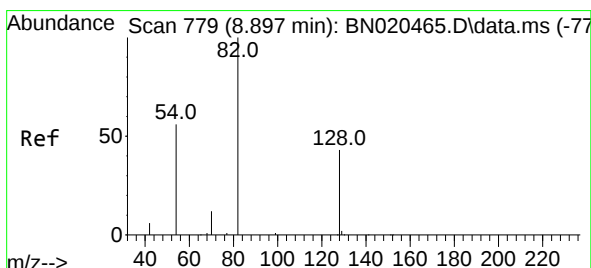
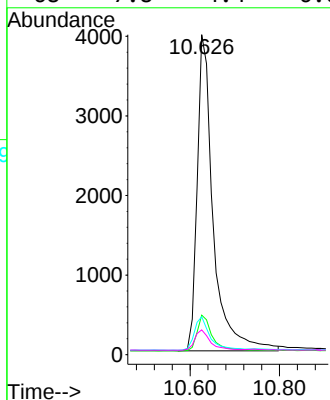
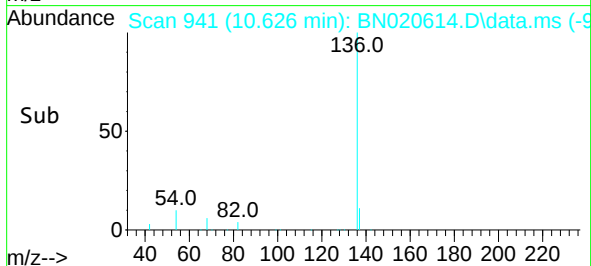
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220622



Tgt Ion:136 Resp: 990
Ion Ratio Lower Upper
136 100
137 12.4 9.0 13.6
54 11.9 6.2 9.2
68 7.8 4.4 6.6

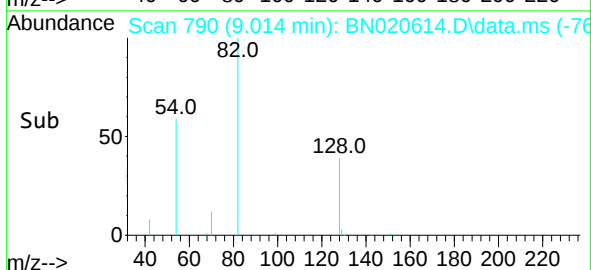
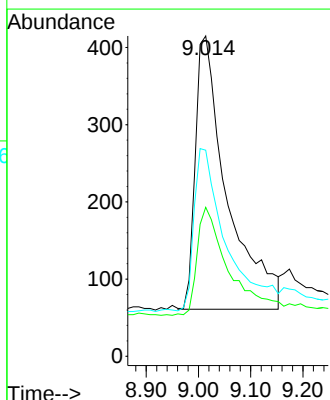
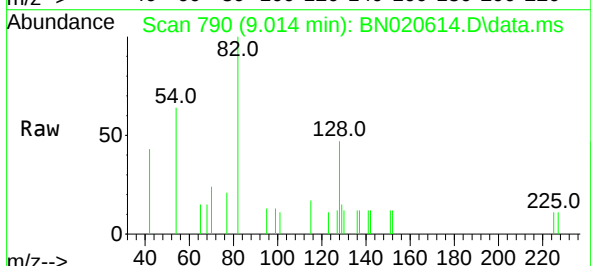
Manual Integrations
APPROVED

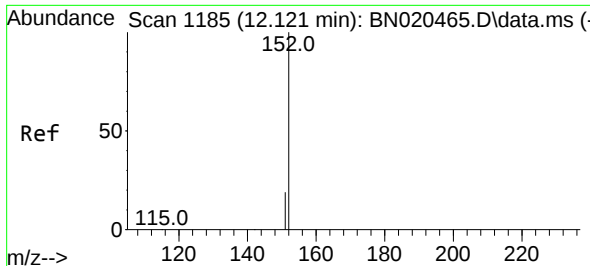
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#8
Nitrobenzene-d5
Concen: 0.187 ng m
RT: 9.014 min Scan# 790
Delta R.T. 0.021 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

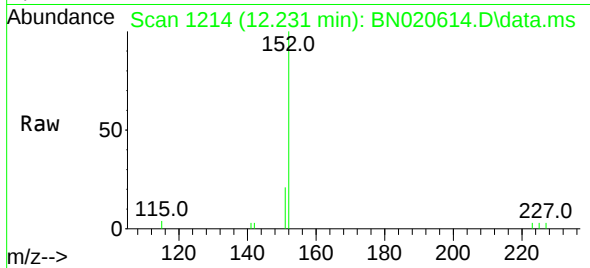
Tgt Ion: 82 Resp: 1502
Ion Ratio Lower Upper
82 100
128 46.5 35.0 52.6
54 64.3 46.2 69.4





#11
2-Methylnaphthalene-d10
Concen: 0.238 ng
RT: 12.231 min Scan# 1185
Delta R.T. 0.004 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

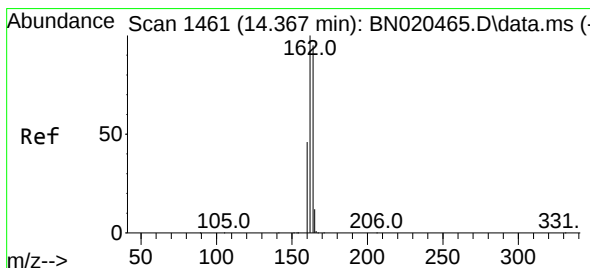
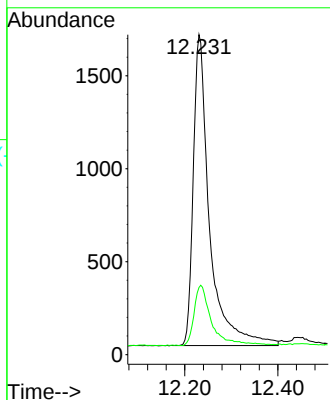
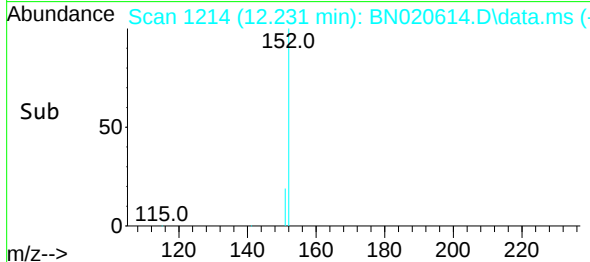
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220622



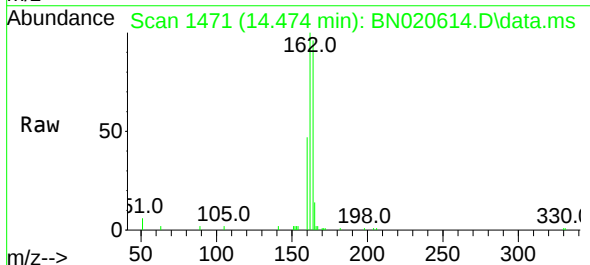
Tgt Ion:152 Resp: 4049
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4

Manual Integrations
APPROVED

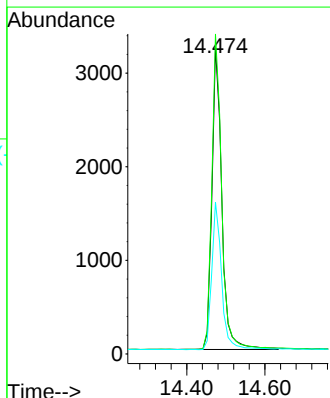
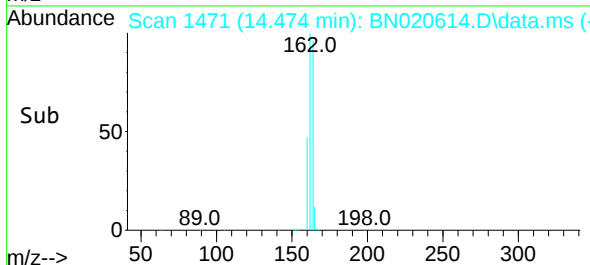
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

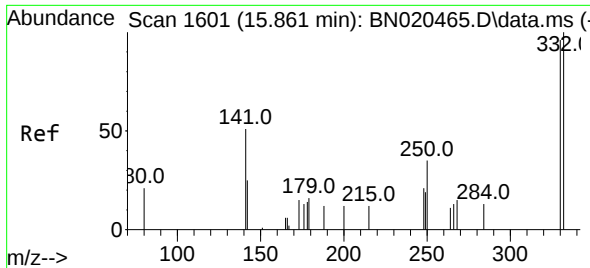


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10



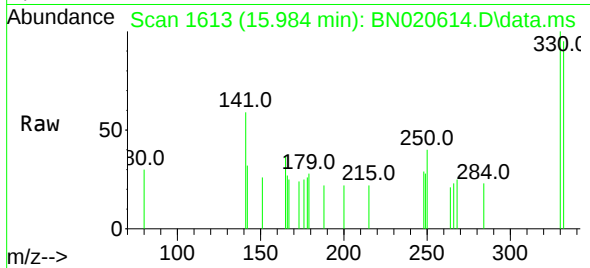
Tgt Ion:164 Resp: 5704
Ion Ratio Lower Upper
164 100
162 104.5 82.1 123.1
160 49.6 38.6 58.0





#14
2,4,6-Tribromophenol
Concen: 0.175 ng
RT: 15.984 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

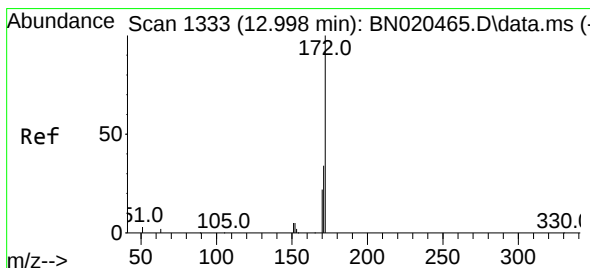
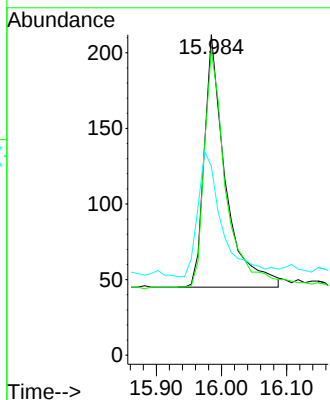
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220622



Tgt Ion: 330 Resp: 370
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 57.7 41.0 61.4

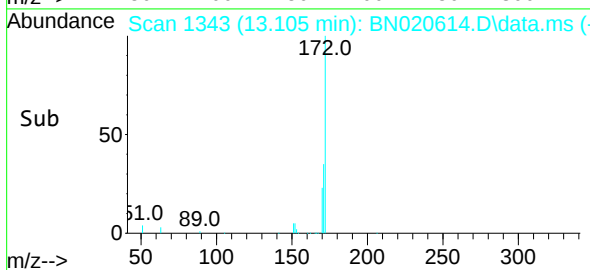
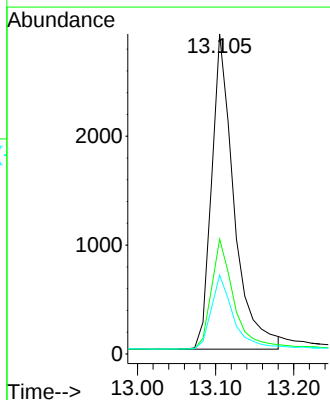
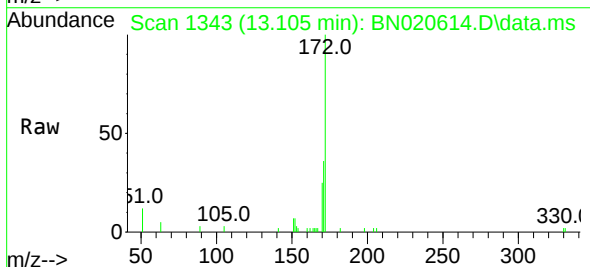
Manual Integrations
APPROVED

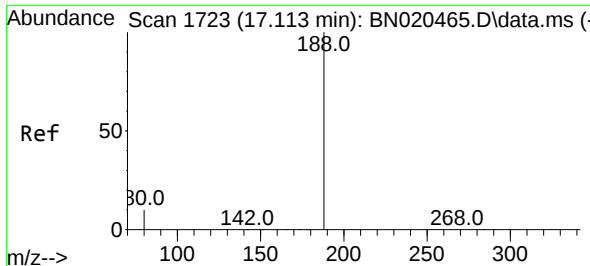
Reviewed By : Christian Giraldo 07/05/2022
Supervised By : Jagrut Upadhyay 07/05/2022



#15
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 13.105 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

Tgt Ion: 172 Resp: 5737
Ion Ratio Lower Upper
172 100
171 35.9 27.2 40.8
170 24.7 18.2 27.4





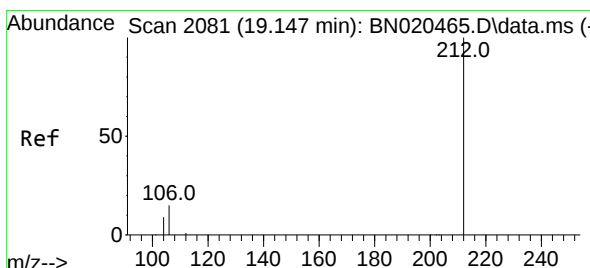
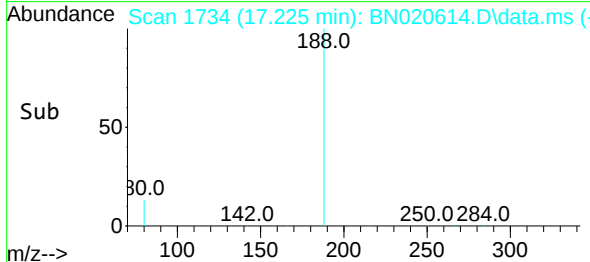
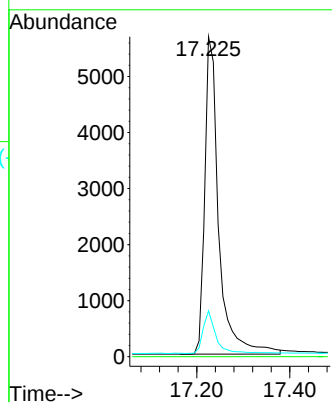
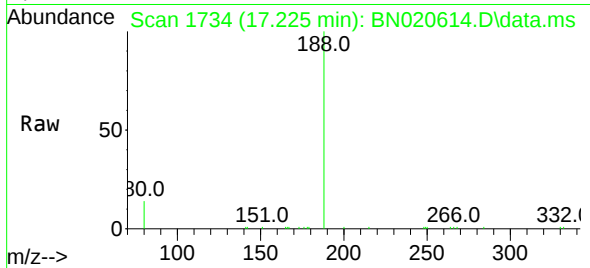
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 11784
Delta R.T. -0.000 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

Instrument :
BNA_N
ClientSampleId :
RE120D2-20220622

Tgt Ion:188 Resp: 11784
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 7.4 11.2

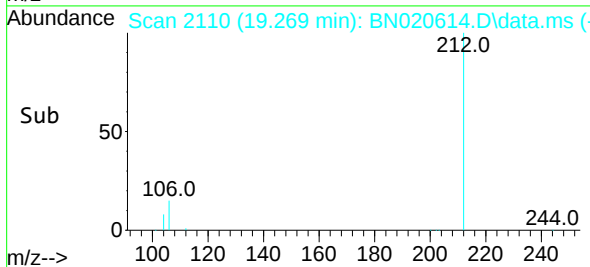
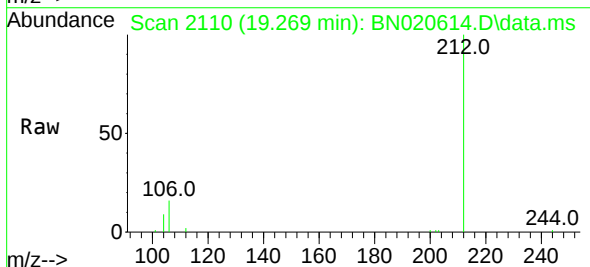
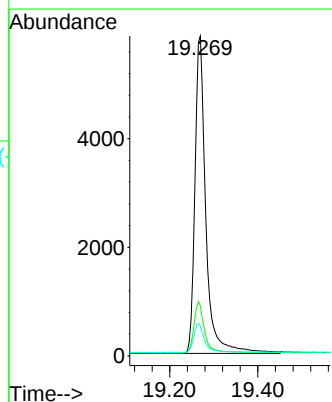
Manual Integrations
APPROVED

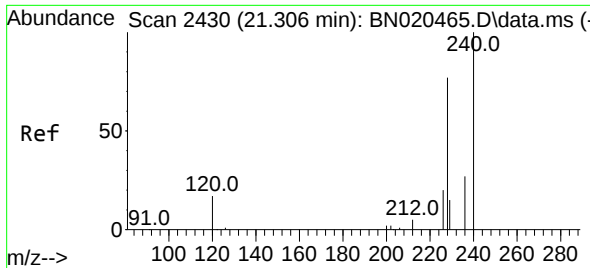
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#27
Fluoranthene-d10
Concen: 0.288 ng
RT: 19.269 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

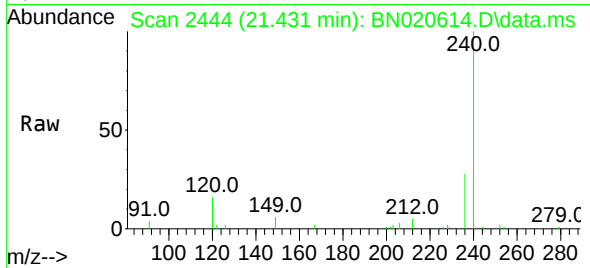
Tgt Ion:212 Resp: 10073
Ion Ratio Lower Upper
212 100
106 15.8 12.6 19.0
104 8.9 7.2 10.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2444
Delta R.T. -0.000 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

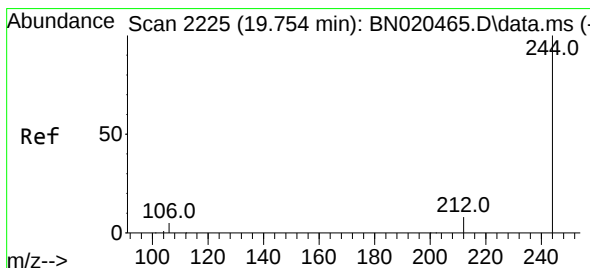
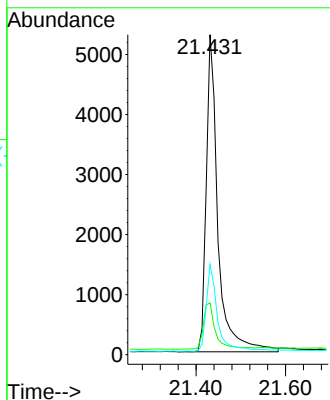
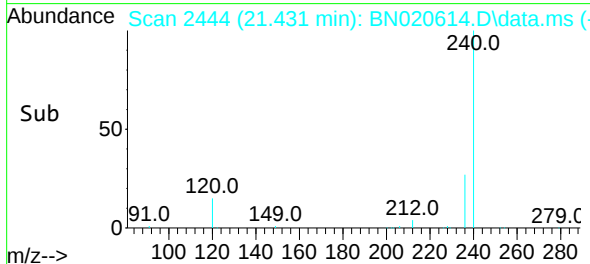
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220622



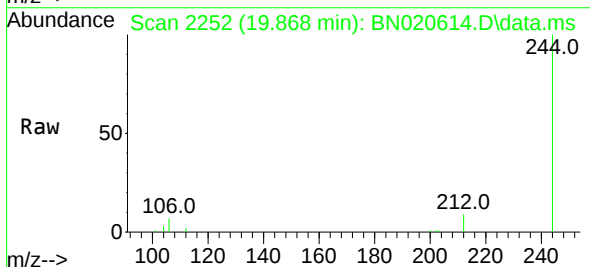
Tgt Ion:240 Resp: 9554
Ion Ratio Lower Upper
240 100
120 16.2 14.6 21.8
236 28.2 22.6 33.8

Manual Integrations
APPROVED

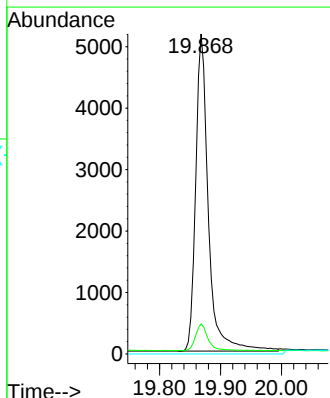
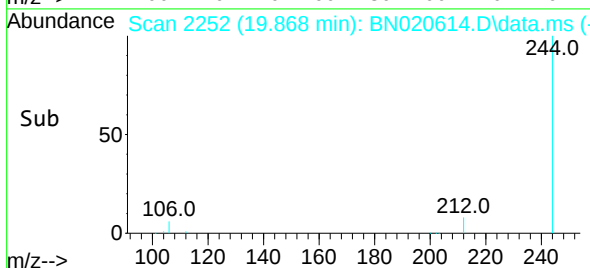
Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022

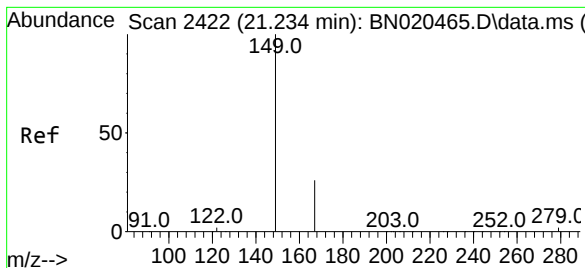


#31
Terphenyl-d14
Concen: 0.327 ng
RT: 19.868 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10



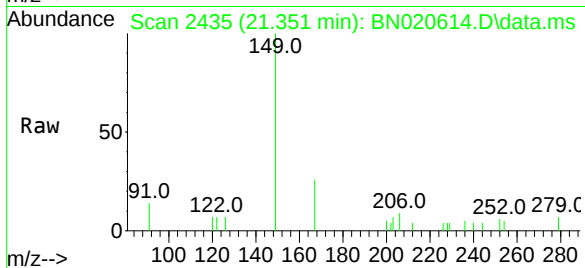
Tgt Ion:244 Resp: 7455
Ion Ratio Lower Upper
244 100
212 9.4 7.1 10.7
122 0.0 0.0 0.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.058 ng
RT: 21.351 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

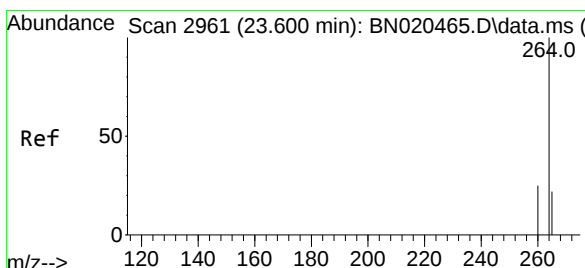
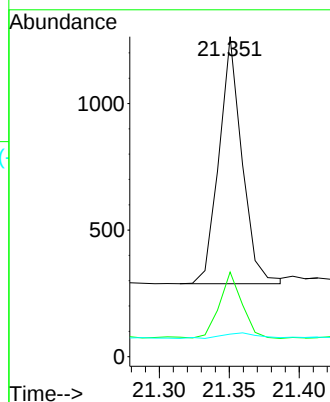
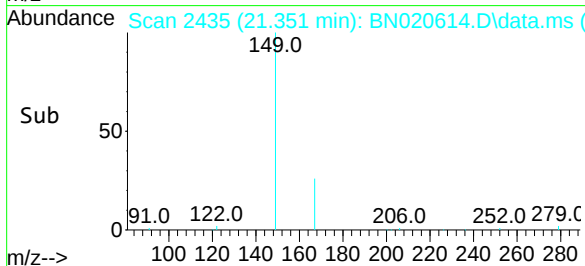
Instrument :
BNA_N
ClientSampleId :
RE120D2-20220622



Tgt Ion:149 Resp: 1118
Ion Ratio Lower Upper
149 100
167 27.2 21.7 32.5
279 3.5 2.2 3.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/05/2022
Supervised By :Jagrut Upadhyay 07/05/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.781 min Scan# 3023
Delta R.T. -0.009 min
Lab File: BN020614.D
Acq: 02 Jul 2022 04:10

Tgt Ion:264 Resp: 7581
Ion Ratio Lower Upper
264 100
260 26.3 20.9 31.3
265 37.2 28.0 42.0

