

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
 Data File : BN021247.D
 Acq On : 15 Aug 2022 22:58
 Operator : CG/JU
 Sample : PB147021BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147021BL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/16/2022
 Supervised By : Jagrut Upadhyay 08/17/2022

Quant Time: Aug 16 09:26:25 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 09:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	2517	0.400	ng	0.02
7) Naphthalene-d8	10.613	136	9121	0.400	ng	# 0.03
13) Acenaphthene-d10	14.443	164	5841	0.400	ng	0.01
19) Phenanthrene-d10	17.206	188	10411	0.400	ng	0.02
29) Chrysene-d12	21.402	240	5930	0.400	ng	0.02
35) Perylene-d12	23.732	264	4786	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.385	112	2035	0.324	ng	0.00
5) Phenol-d6	7.061	99	1413m	0.193	ng	0.08
8) Nitrobenzene-d5	9.054	82	882m	0.233	ng	0.10
11) 2-Methylnaphthalene-d10	12.221	152	3951	0.249	ng	0.04
14) 2,4,6-Tribromophenol	15.965	330	582	0.305	ng	0.02
15) 2-Fluorobiphenyl	13.085	172	4866	0.209	ng	0.03
27) Fluoranthene-d10	19.233	212	11843	0.419	ng	0.00
31) Terphenyl-d14	19.832	244	9903	0.613	ng	0.00

Target Compounds Qvalue

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

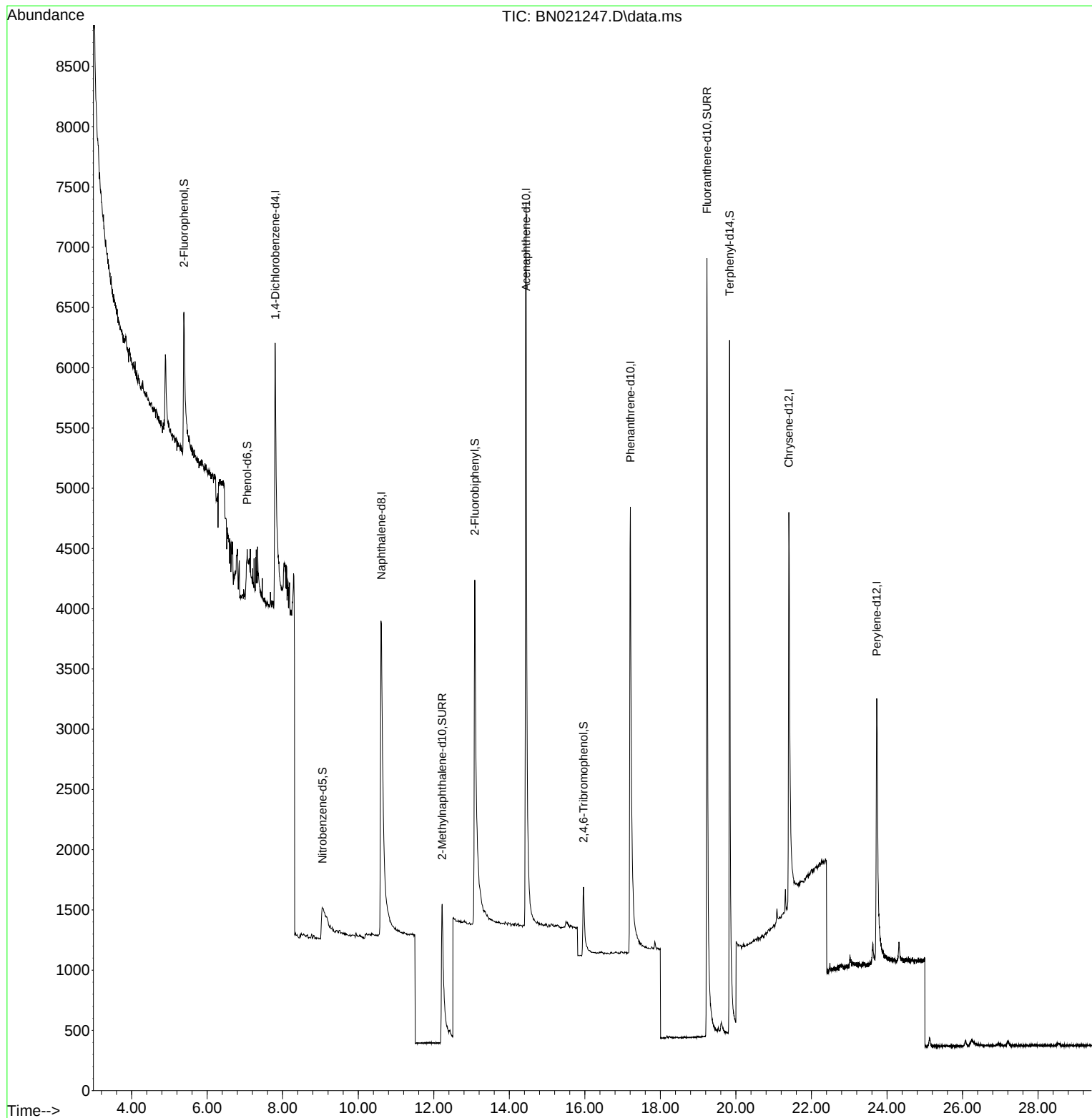
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
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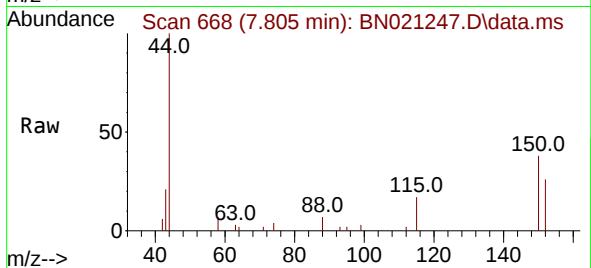
Quant Time: Aug 16 09:26:25 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 09:19:59 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.805 min Scan# 665
Delta R.T. 0.022 min
Lab File: BN021247.D
Acq: 15 Aug 2022 22:58

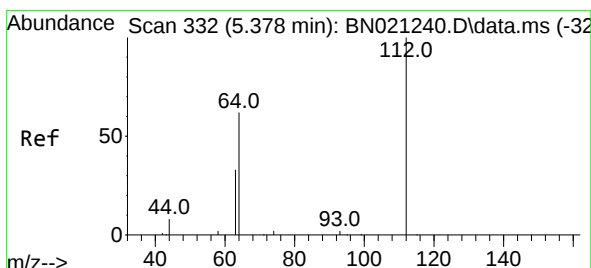
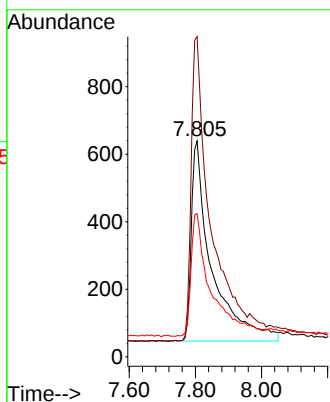
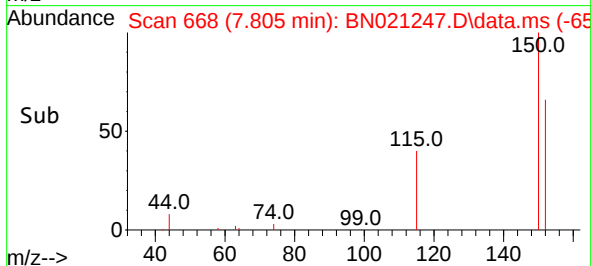
Instrument :
BNA_N
ClientSampleId :
PB147021BL



Tgt Ion:152 Resp: 251
Ion Ratio Lower Upper
152 100
150 148.4 123.1 184.7
115 66.4 52.2 78.4

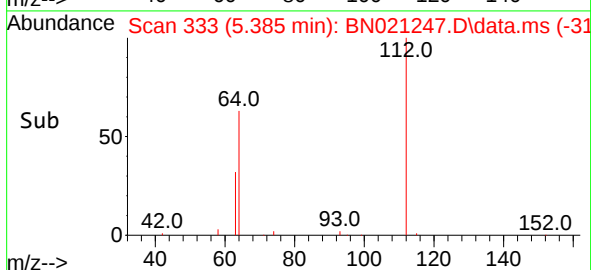
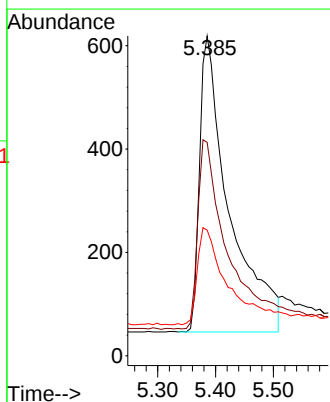
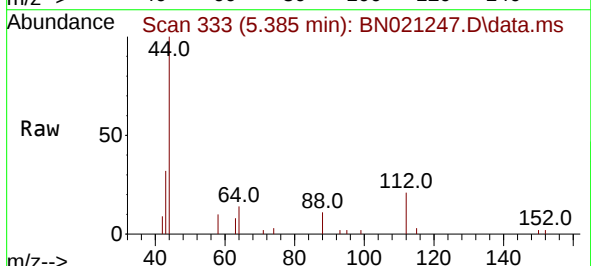
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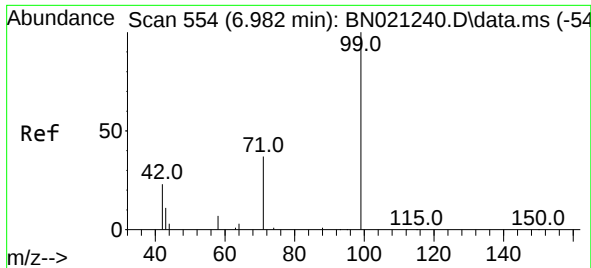
Reviewed By :Christian Giraldo 08/16/2022
Supervised By :Jagrut Upadhyay 08/17/2022



#4
2-Fluorophenol
Concen: 0.324 ng
RT: 5.385 min Scan# 333
Delta R.T. 0.007 min
Lab File: BN021247.D
Acq: 15 Aug 2022 22:58

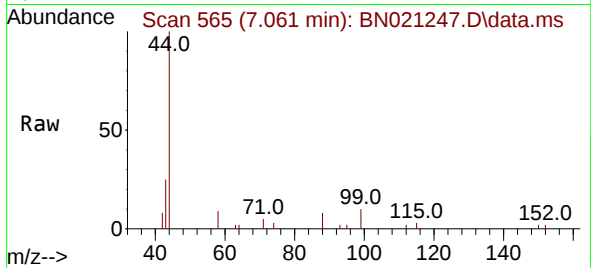
Tgt Ion:112 Resp: 2035
Ion Ratio Lower Upper
112 100
64 65.2 52.0 78.0
63 34.6 27.5 41.3





#5
Phenol-d6
Concen: 0.193 ng m
RT: 7.061 min Scan# 50
Delta R.T. 0.079 min
Lab File: BN021247.D
Acq: 15 Aug 2022 22:58

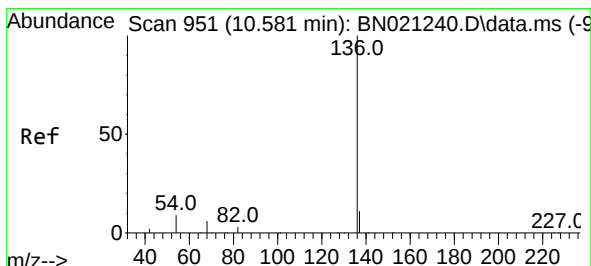
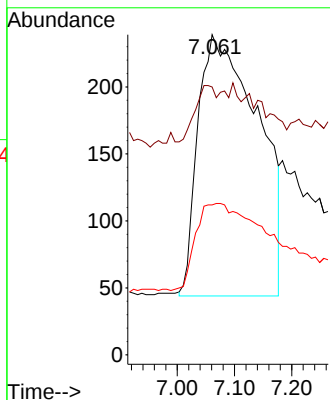
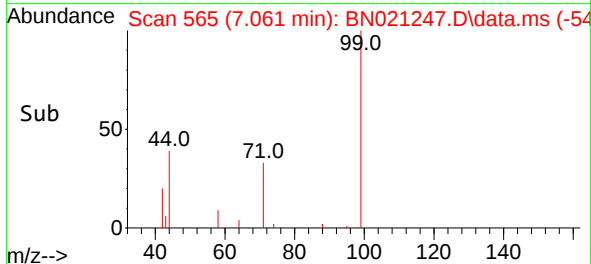
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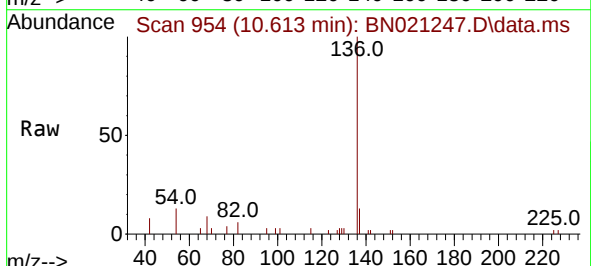
Tgt Ion: 99 Resp: 141
Ion Ratio Lower Upper
99 100
42 0.0 19.1 28.7
71 26.5 28.9 43.3

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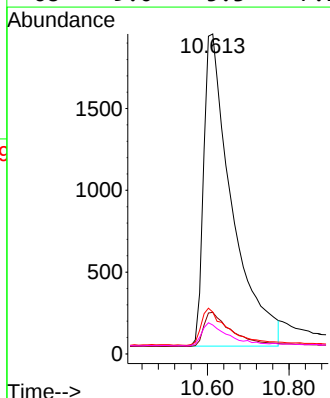
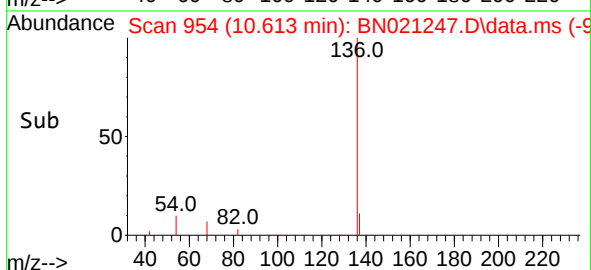
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Supervised By :Jagrut Upadhyay 08/17/2022

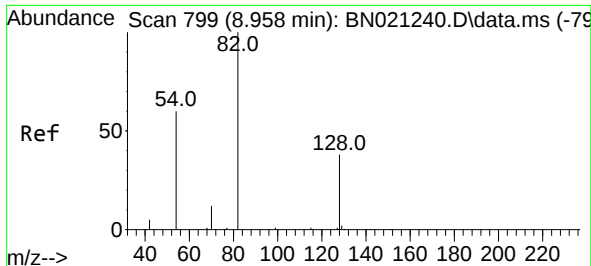


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.613 min Scan# 954
Delta R.T. 0.032 min
Lab File: BN021247.D
Acq: 15 Aug 2022 22:58



Tgt Ion:136 Resp: 9121
Ion Ratio Lower Upper
136 100
137 13.0 9.6 14.4
54 13.1 8.2 12.2#
68 9.0 5.3 7.9#





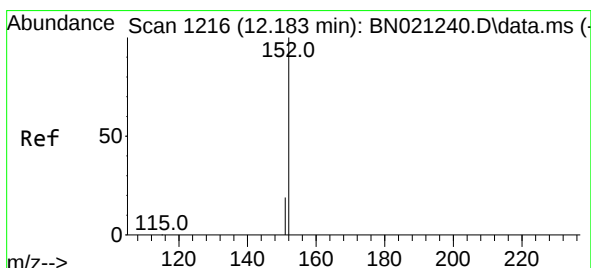
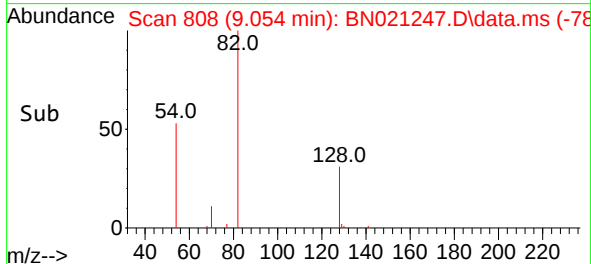
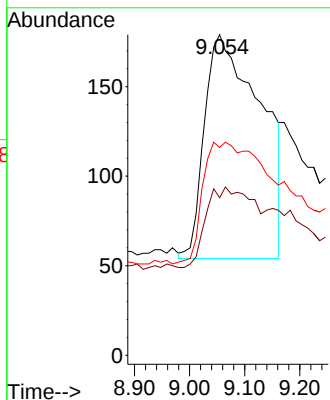
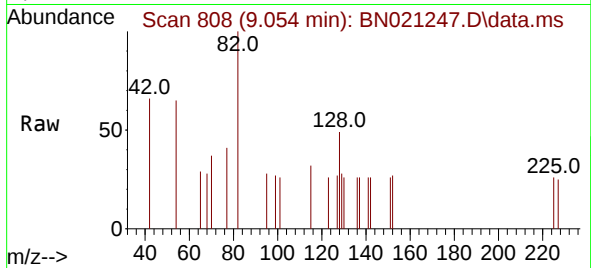
#8
Nitrobenzene-d5
Concen: 0.233 ng m
RT: 9.054 min Scan# 808
Delta R.T. 0.096 min
Lab File: BN021247.D
Acq: 15 Aug 2022 22:58

Instrument :
BNA_N
ClientSampleId :
PB147021BL

Tgt Ion: 82 Resp: 88
Ion Ratio Lower Upper
82 100
128 49.2 33.6 50.4
54 64.8 50.2 75.2

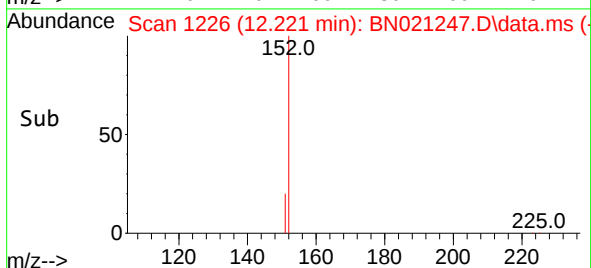
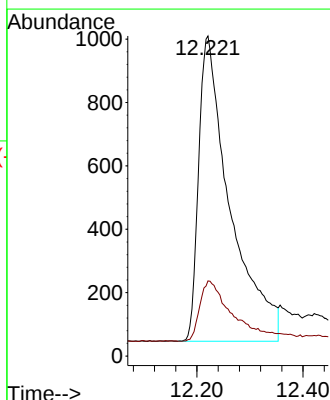
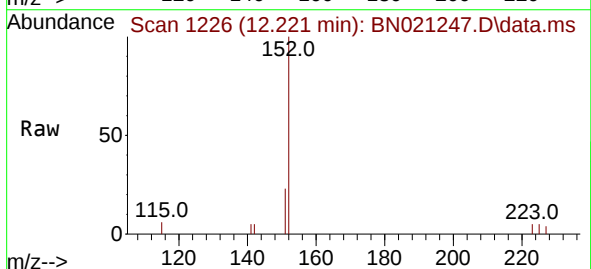
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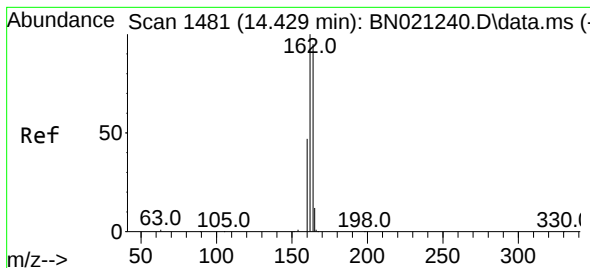
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#11
2-Methylnaphthalene-d10
Concen: 0.249 ng
RT: 12.221 min Scan# 1226
Delta R.T. 0.038 min
Lab File: BN021247.D
Acq: 15 Aug 2022 22:58

Tgt Ion:152 Resp: 3951
Ion Ratio Lower Upper
152 100
151 21.8 15.8 23.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.443 min Scan# 1481

Delta R.T. 0.014 min

Lab File: BN021247.D

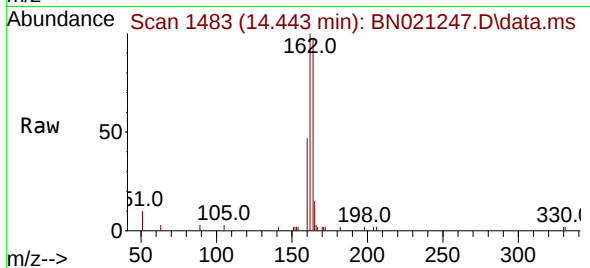
Acq: 15 Aug 2022 22:58

Instrument :

BNA_N

ClientSampleId :

PB147021BL



Tgt Ion:164 Resp: 584

Ion Ratio Lower Upper

164 100

162 103.2 83.8 125.6

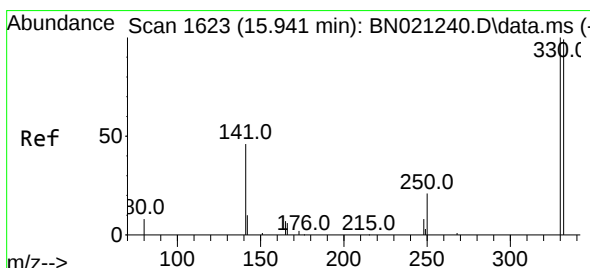
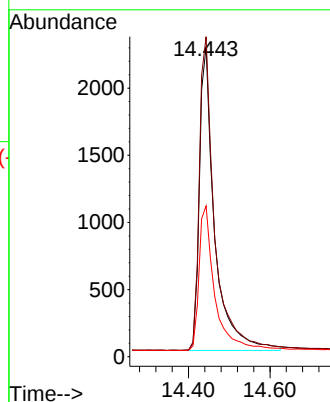
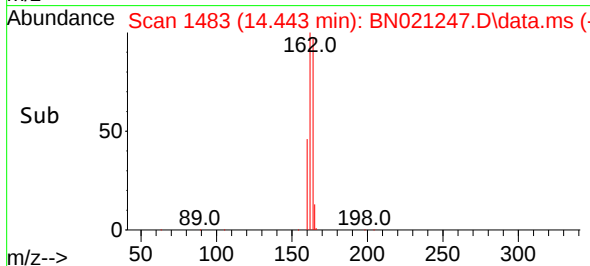
160 48.6 39.8 59.6

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#14

2,4,6-Tribromophenol

Concen: 0.305 ng

RT: 15.965 min Scan# 1626

Delta R.T. 0.024 min

Lab File: BN021247.D

Acq: 15 Aug 2022 22:58

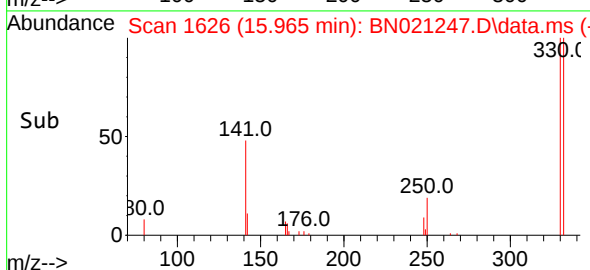
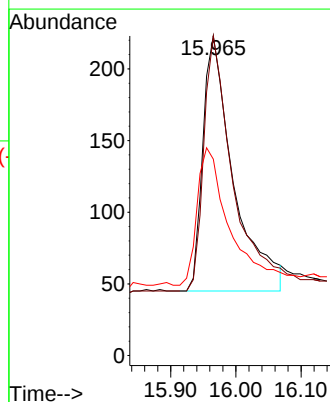
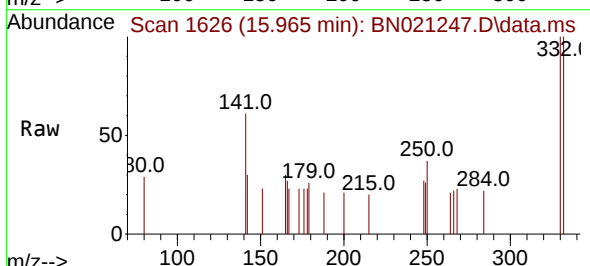
Tgt Ion:330 Resp: 582

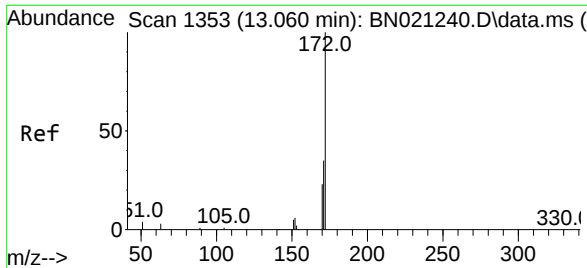
Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

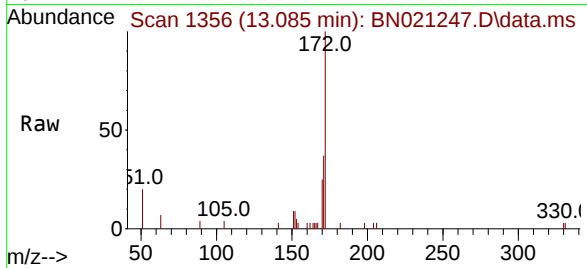
141 57.0 45.4 68.0





#15
2-Fluorobiphenyl
Concen: 0.209 ng
RT: 13.085 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN021247.D
Acq: 15 Aug 2022 22:58

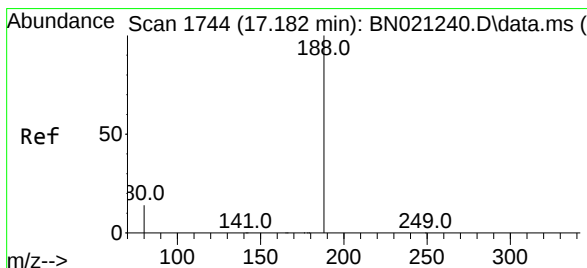
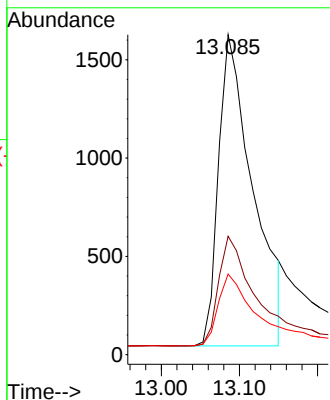
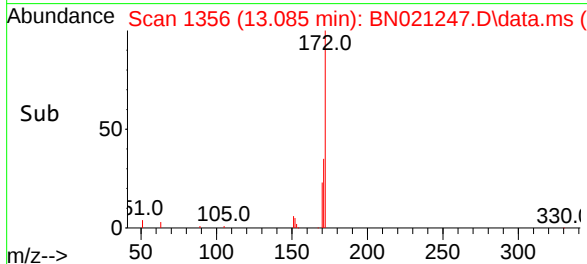
Instrument :
BNA_N
ClientSampleId :
PB147021BL



Tgt Ion:172 Resp: 4860
Ion Ratio Lower Upper
172 100
171 37.0 28.4 42.6
170 25.2 19.0 28.6

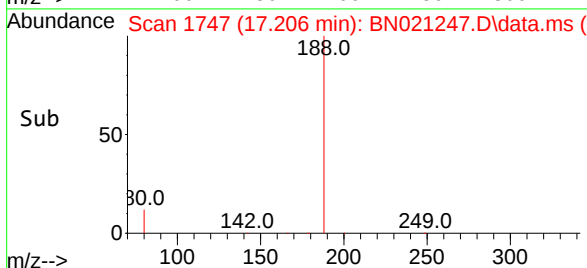
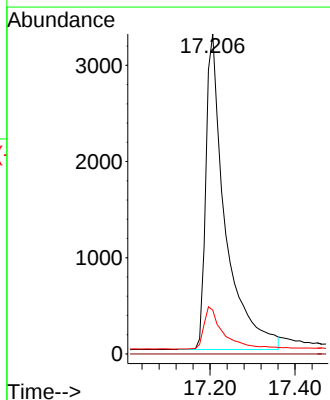
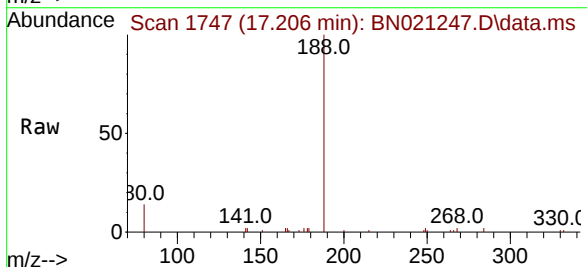
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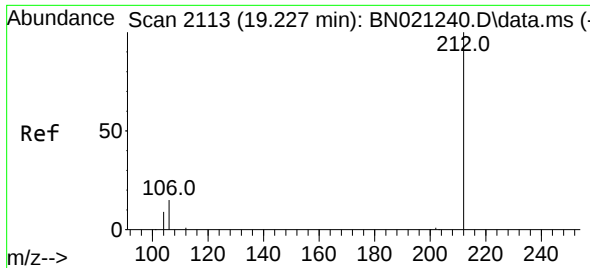
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.206 min Scan# 1747
Delta R.T. 0.024 min
Lab File: BN021247.D
Acq: 15 Aug 2022 22:58

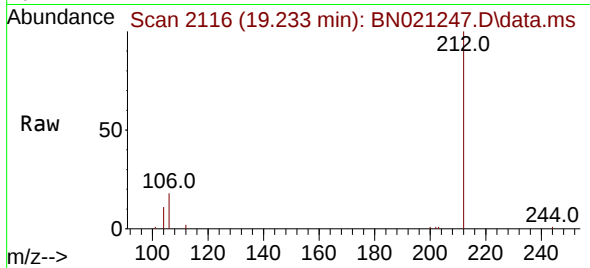
Tgt Ion:188 Resp: 10411
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 11.8 17.6





#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.233 min Scan# 2116
Delta R.T. 0.006 min
Lab File: BN021247.D
Acq: 15 Aug 2022 22:58

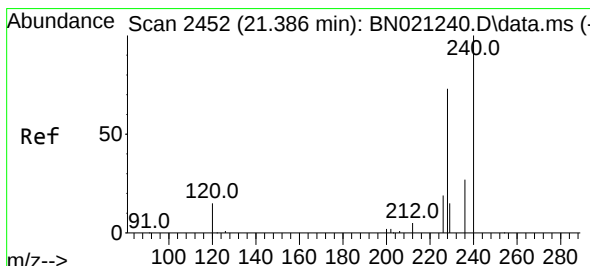
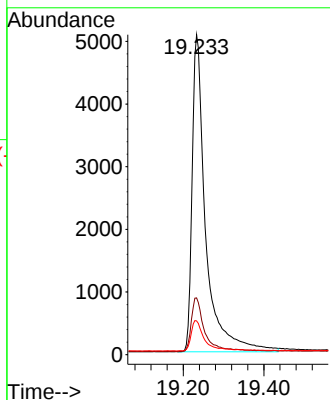
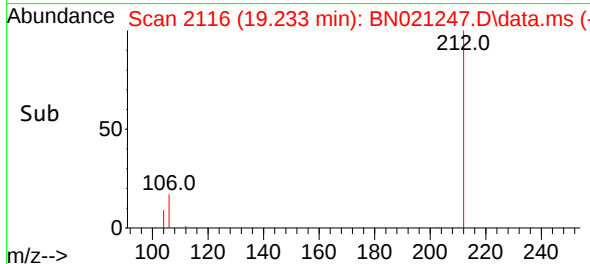
Instrument :
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Tgt Ion:212 Resp: 1184
Ion Ratio Lower Upper
212 100
106 16.1 12.6 18.8
104 9.2 7.2 10.8

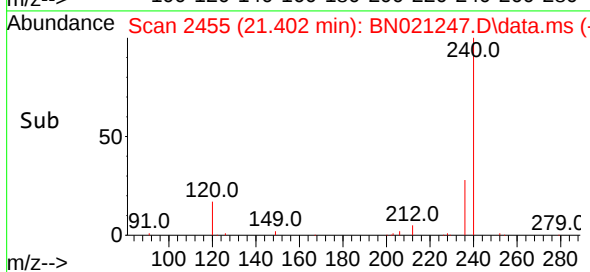
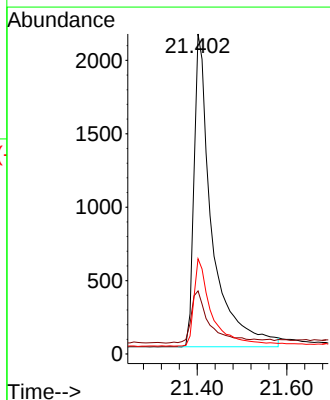
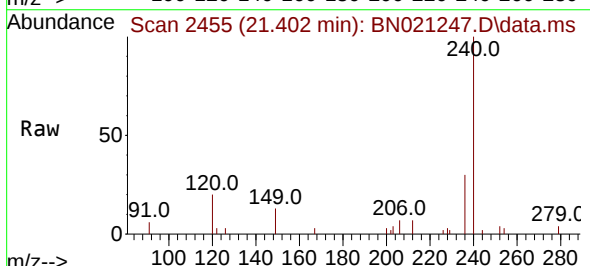
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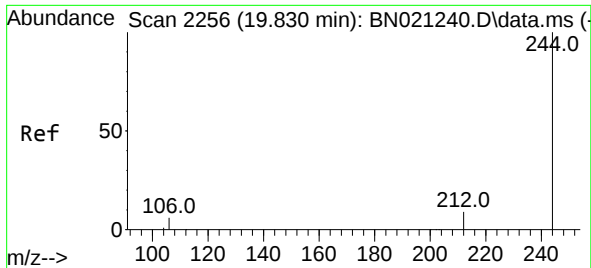
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Supervised By :Jagrut Upadhyay 08/17/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.402 min Scan# 2455
Delta R.T. 0.016 min
Lab File: BN021247.D
Acq: 15 Aug 2022 22:58

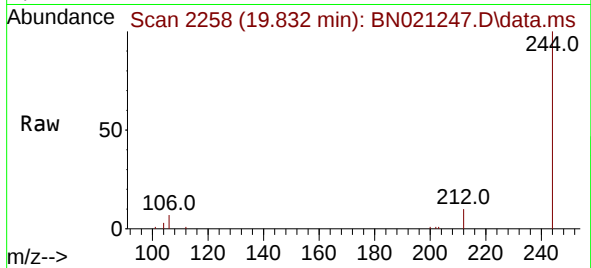
Tgt Ion:240 Resp: 5930
Ion Ratio Lower Upper
240 100
120 19.7 13.4 20.2
236 29.8 22.6 33.8





#31
 Terphenyl-d14
 Concen: 0.613 ng
 RT: 19.832 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BN021247.D
 Acq: 15 Aug 2022 22:58

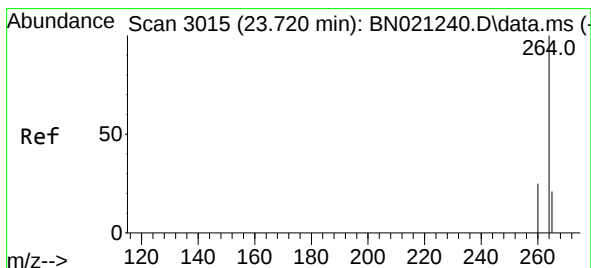
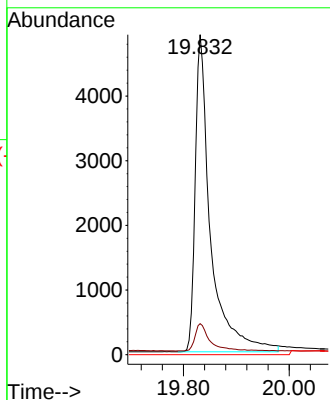
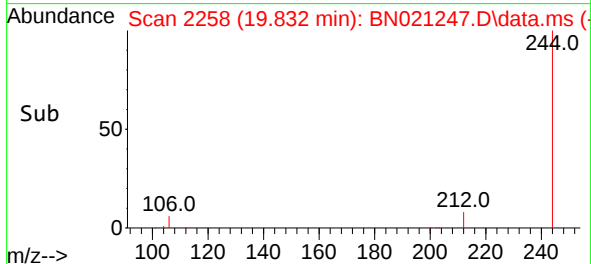
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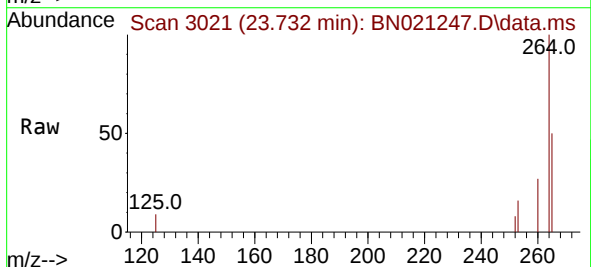
Tgt Ion:244 Resp: 990
 Ion Ratio Lower Upper
 244 100
 212 9.7 8.3 12.5
 122 0.0 0.0 0.0

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 Supervised By :Jagrut Upadhyay 08/17/2022



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.732 min Scan# 3021
 Delta R.T. 0.012 min
 Lab File: BN021247.D
 Acq: 15 Aug 2022 22:58



Tgt Ion:264 Resp: 4786
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.4 32.2
 265 49.7 34.3 51.5

