

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042222\
 Data File : BN019521.D
 Acq On : 22 Apr 2022 14:24
 Operator : CG/JU
 Sample : PB144158BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB144158BL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/25/2022
 Supervised By : Jagrut Upadhyay 04/25/2022

Quant Time: Apr 23 06:14:39 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 17:50:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.819	152	3864	0.400	ng	0.00
7) Naphthalene-d8	10.645	136	9729	0.400	ng	# 0.03
13) Acenaphthene-d10	14.461	164	6203	0.400	ng	0.02
19) Phenanthrene-d10	17.213	188	12159	0.400	ng	0.02
29) Chrysene-d12	21.395	240	8467	0.400	ng	# 0.01
35) Perylene-d12	23.740	264	7052	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	2983	0.360	ng	0.00
5) Phenol-d6	7.040	99	1960m	0.208	ng	0.06
8) Nitrobenzene-d5	9.097	82	1634m	0.232	ng	0.12
11) 2-Methylnaphthalene-d10	12.244	152	5252	0.333	ng	0.03
14) 2,4,6-Tribromophenol	15.982	330	483m	0.174	ng	0.04
15) 2-Fluorobiphenyl	13.114	172	6479m	0.262	ng	0.03
27) Fluoranthene-d10	19.235	212	13406	0.377	ng	0.01
31) Terphenyl-d14	19.834	244	7373	0.386	ng	0.00

Target Compounds Qvalue

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

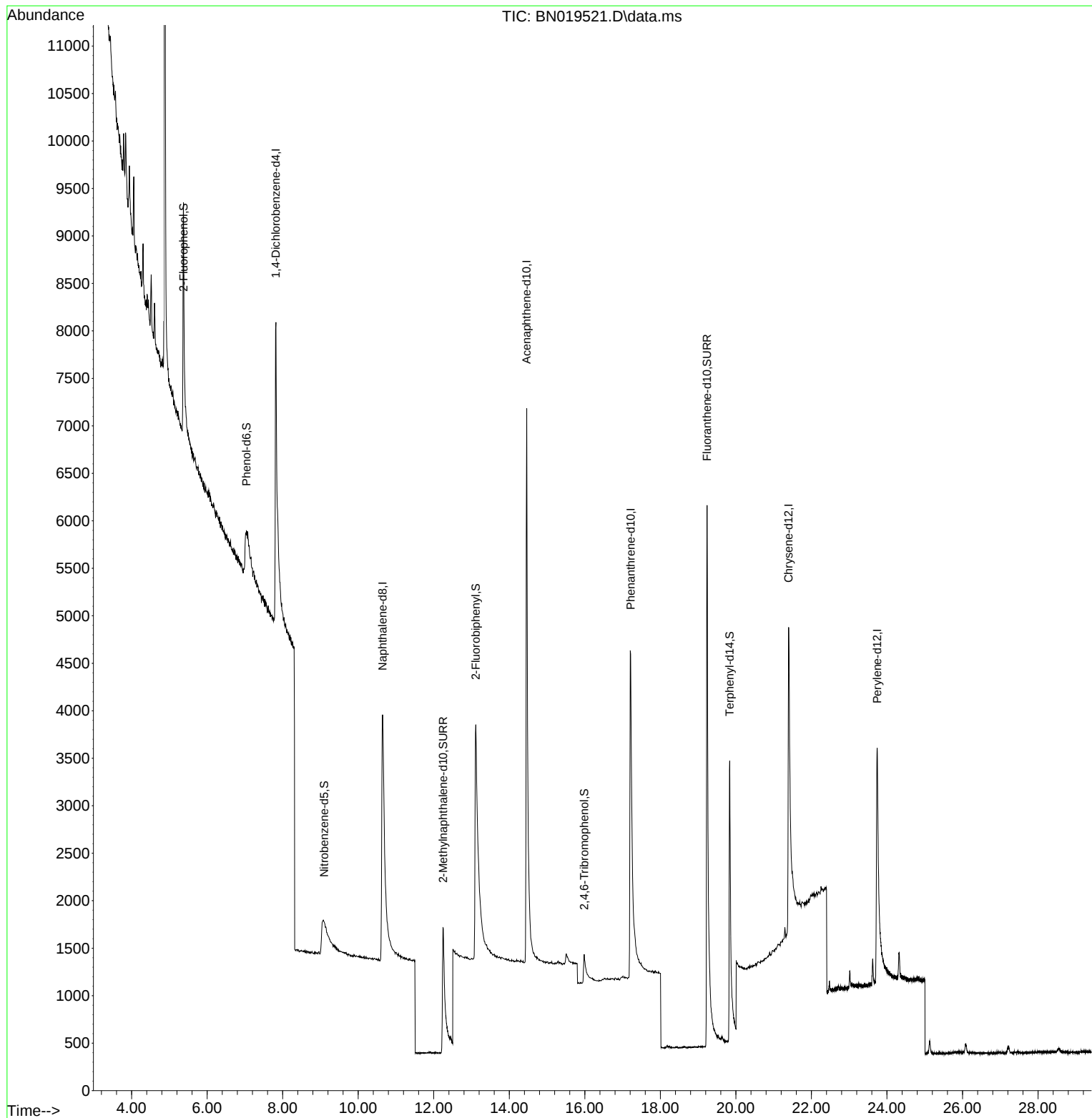
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042222\
Data File : BN019521.D
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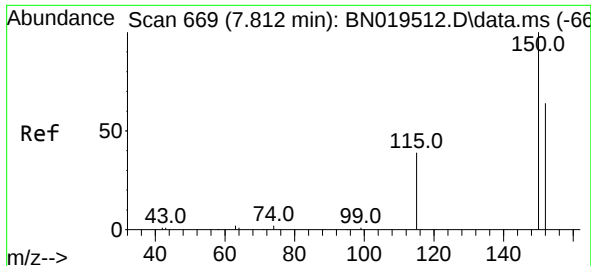
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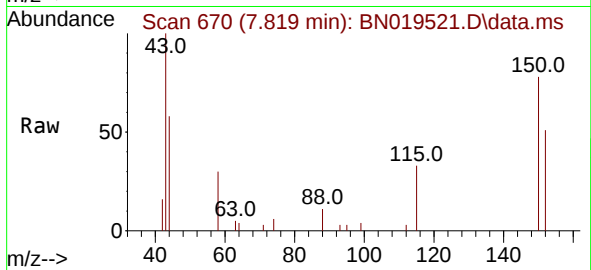
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 17:50:10 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.819 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24

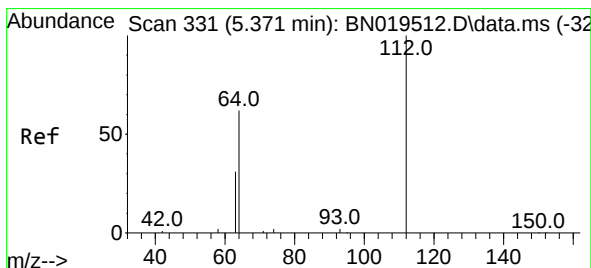
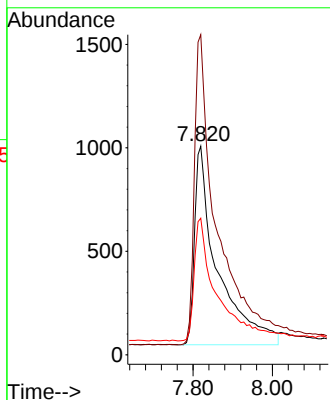
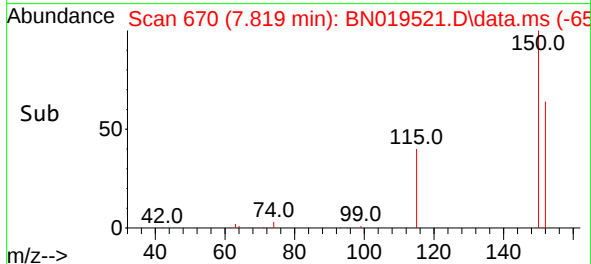
Instrument :
BNA_N
ClientSampleId :
PB144158BL



Tgt Ion:152 Resp: 3864
Ion Ratio Lower Upper
152 100
150 153.5 123.9 185.9
115 65.5 48.2 72.4

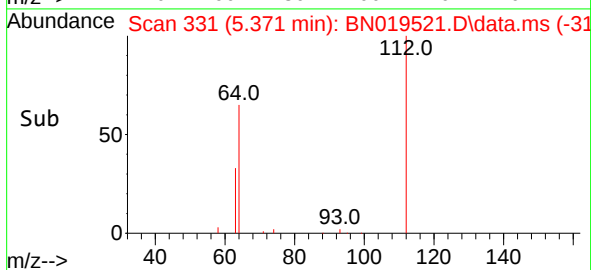
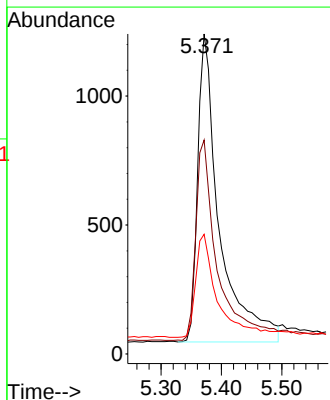
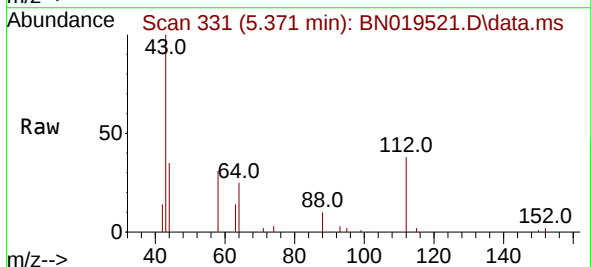
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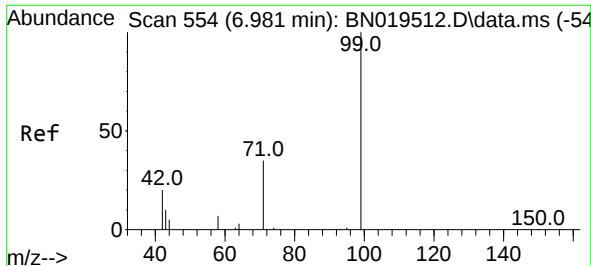
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.371 min Scan# 331
Delta R.T. 0.000 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24

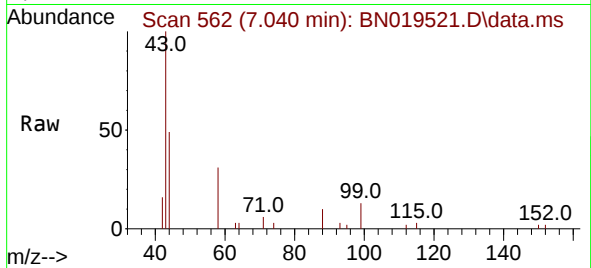
Tgt Ion:112 Resp: 2983
Ion Ratio Lower Upper
112 100
64 65.0 47.8 71.8
63 33.8 25.7 38.5





#5
Phenol-d6
Concen: 0.208 ng m
RT: 7.040 min Scan# 50
Delta R.T. 0.058 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24

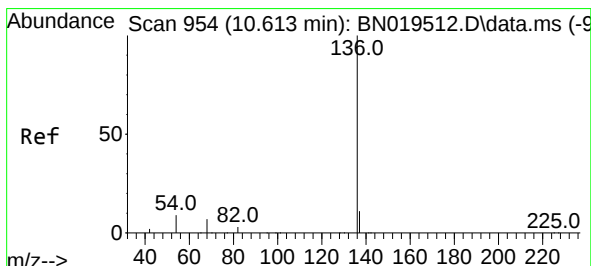
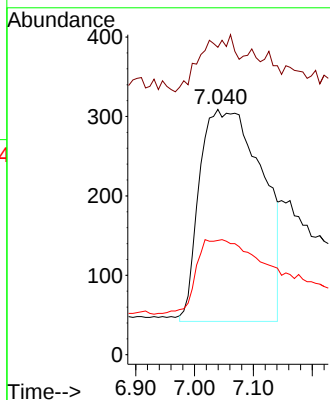
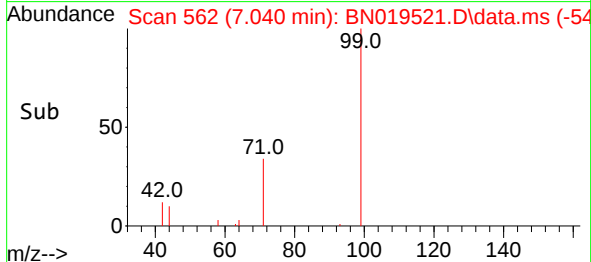
Instrument :
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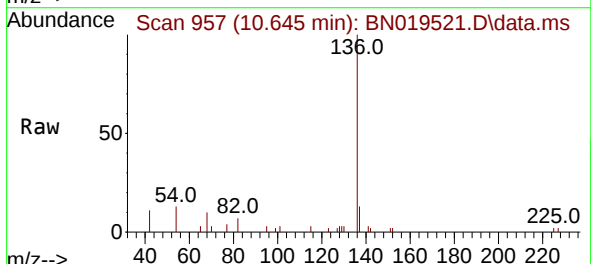
Tgt Ion: 99 Resp: 1960
Ion Ratio Lower Upper
99 100
42 0.0 16.2 24.4#
71 0.0 27.7 41.5#

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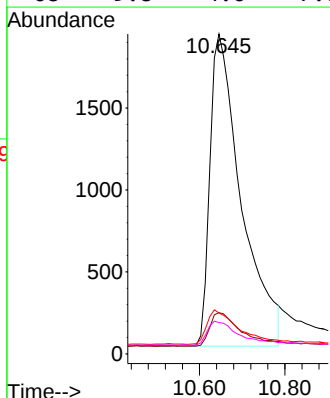
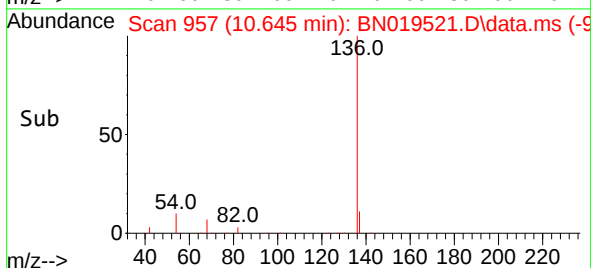
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

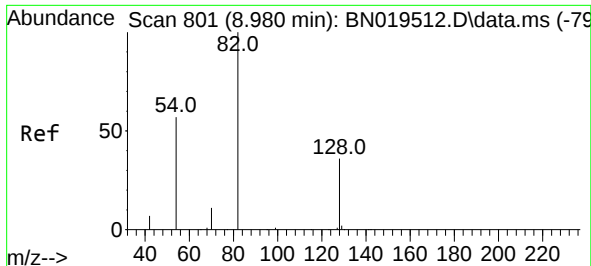


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.645 min Scan# 957
Delta R.T. 0.032 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24



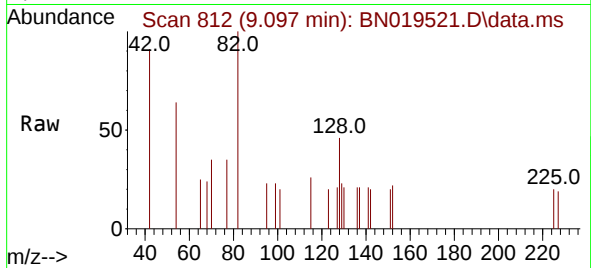
Tgt Ion:136 Resp: 9729
Ion Ratio Lower Upper
136 100
137 12.9 9.0 13.4
54 12.8 5.8 8.6#
68 9.8 4.6 7.0#





#8
Nitrobenzene-d5
Concen: 0.232 ng m
RT: 9.097 min Scan# 81
Delta R.T. 0.118 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24

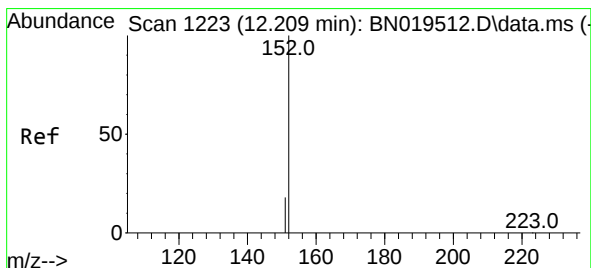
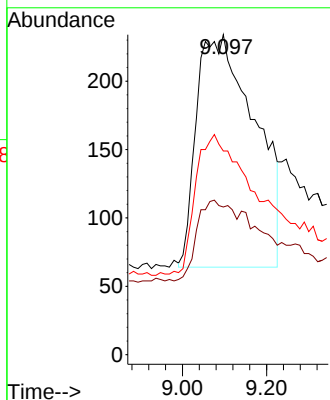
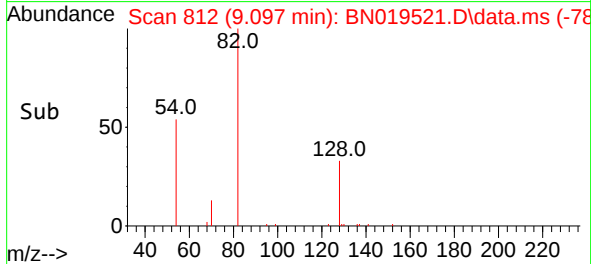
Instrument :
BNA_N
ClientSampleId :
PB144158BL



Tgt Ion: 82 Resp: 1634
Ion Ratio Lower Upper
82 100
128 46.2 33.0 49.6
54 63.7 42.5 63.7

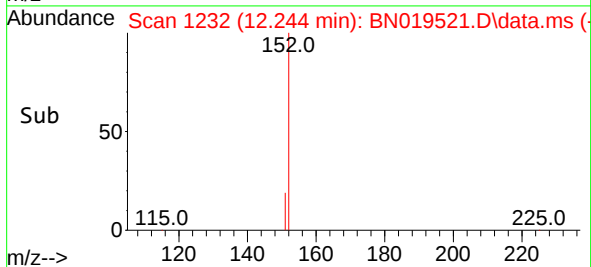
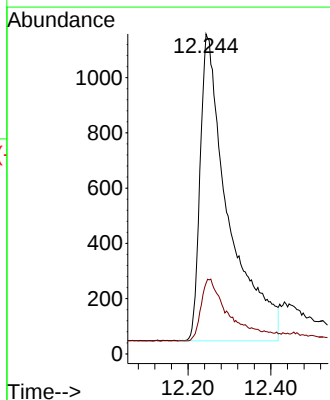
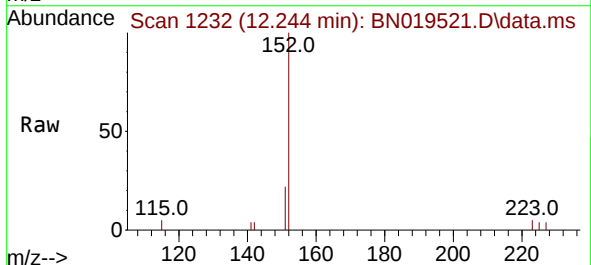
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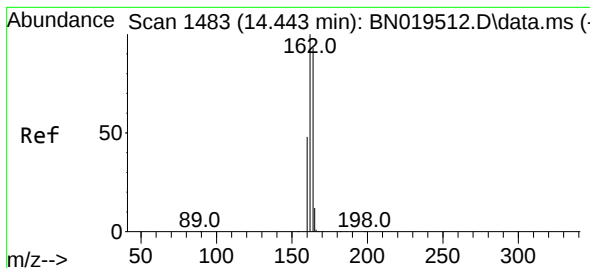
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#11
2-Methylnaphthalene-d10
Concen: 0.333 ng
RT: 12.244 min Scan# 1232
Delta R.T. 0.034 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24

Tgt Ion:152 Resp: 5252
Ion Ratio Lower Upper
152 100
151 19.5 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.461 min Scan# 1484

Delta R.T. 0.018 min

Lab File: BN019521.D

Acq: 22 Apr 2022 14:24

Instrument :

BNA_N

ClientSampleId :

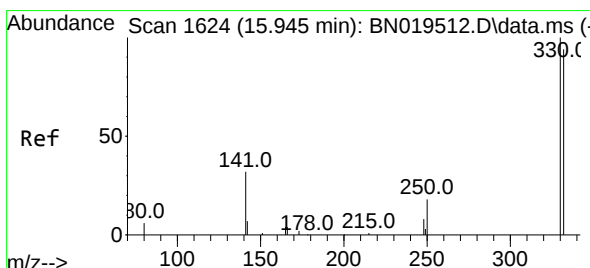
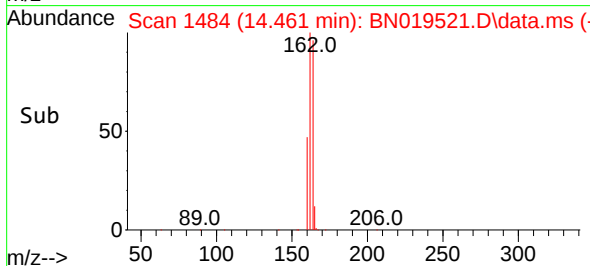
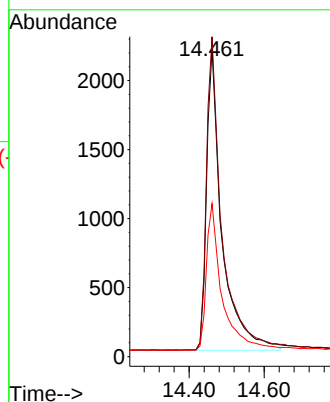
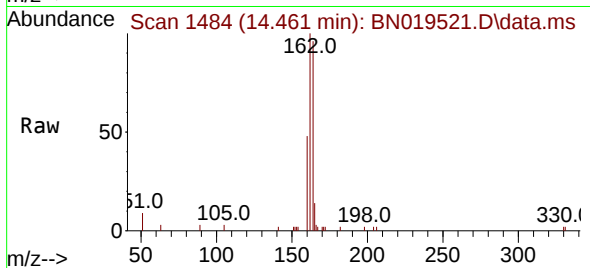
PB144158BL

Tgt Ion:	164	Resp:	620
Ion	Ratio	Lower	Upper
164	100		
162	104.2	85.2	127.8
160	49.8	41.5	62.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 04/25/2022



#14

2,4,6-Tribromophenol

Concen: 0.174 ng m

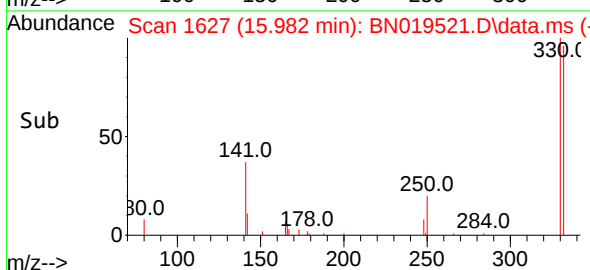
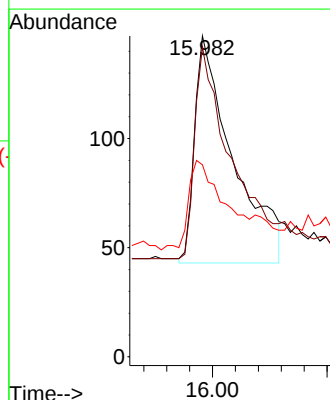
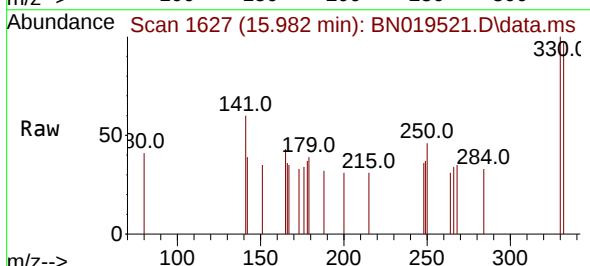
RT: 15.982 min Scan# 1627

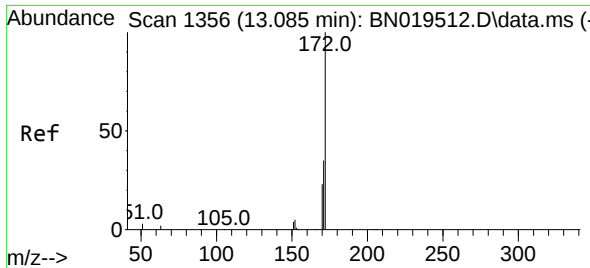
Delta R.T. 0.038 min

Lab File: BN019521.D

Acq: 22 Apr 2022 14:24

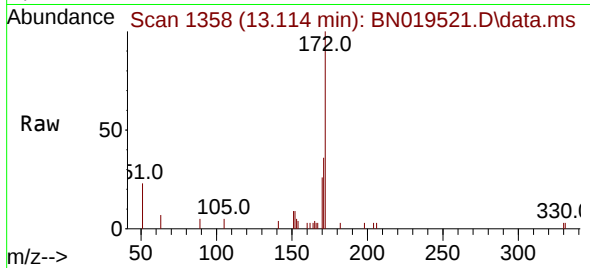
Tgt Ion:	330	Resp:	483
Ion	Ratio	Lower	Upper
330	100		
332	77.4	76.8	115.2
141	37.7	32.2	48.2





#15
2-Fluorobiphenyl
Concen: 0.262 ng m
RT: 13.114 min Scan# 1358
Delta R.T. 0.029 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24

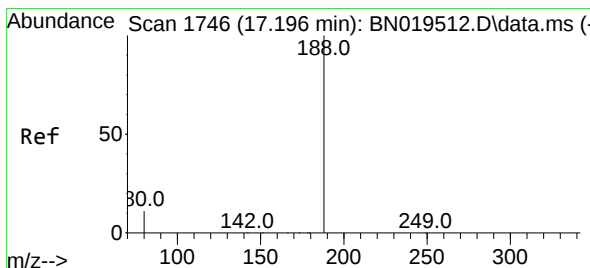
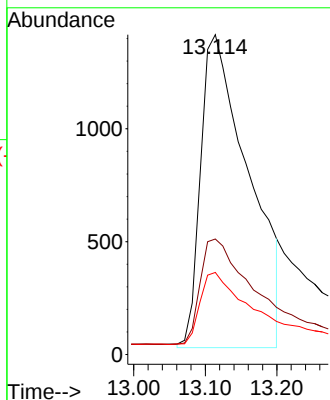
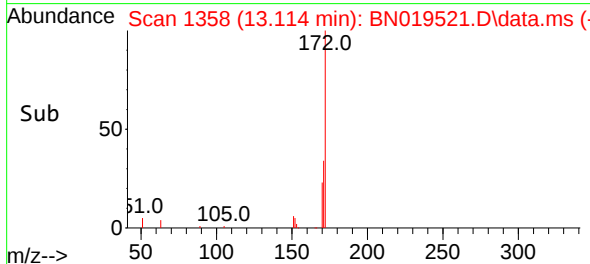
Instrument :
BNA_N
ClientSampleId :
PB144158BL



Tgt Ion:172 Resp: 6479
Ion Ratio Lower Upper
172 100
171 36.1 28.2 42.2
170 25.7 18.7 28.1

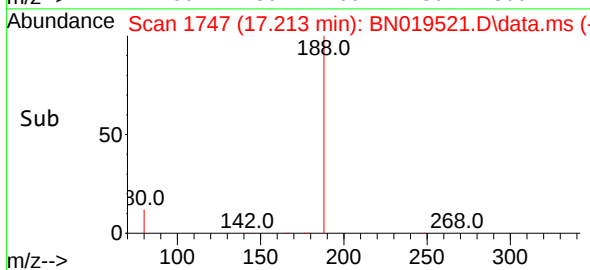
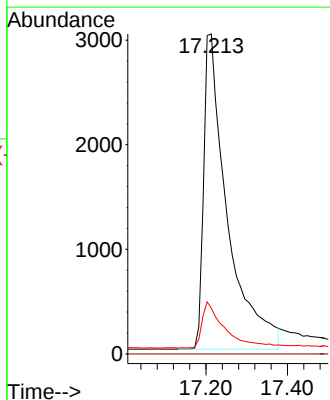
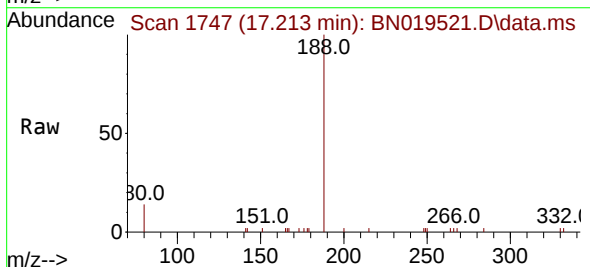
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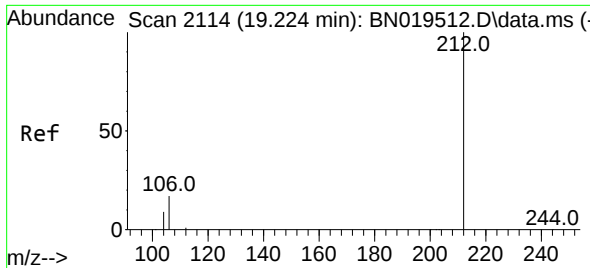
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.213 min Scan# 1747
Delta R.T. 0.017 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24

Tgt Ion:188 Resp: 12159
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 11.8 17.8





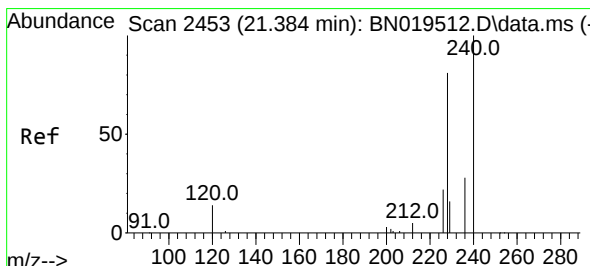
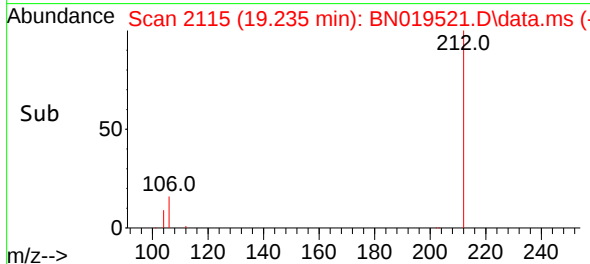
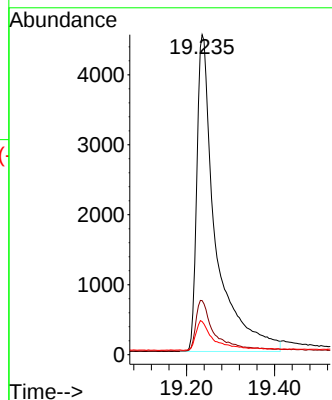
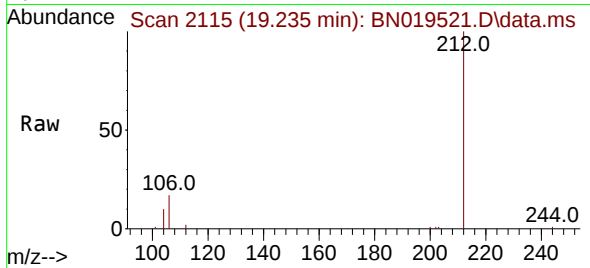
#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.235 min Scan# 2115
Delta R.T. 0.011 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB144158BL

Tgt Ion:212 Resp: 13400
Ion Ratio Lower Upper
212 100
106 15.6 12.7 19.1
104 8.7 7.1 10.7

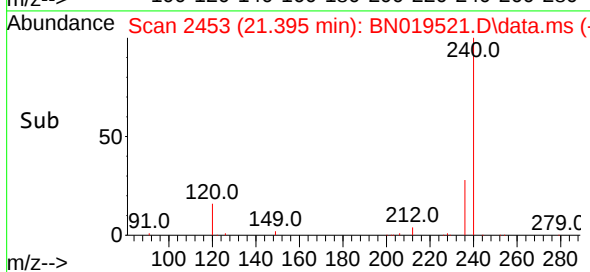
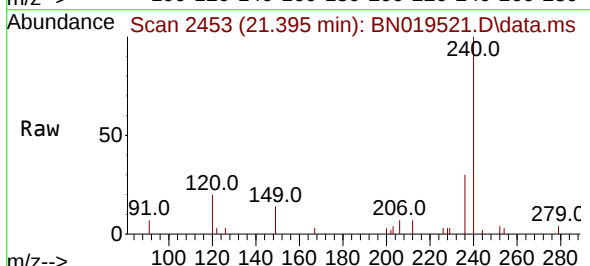
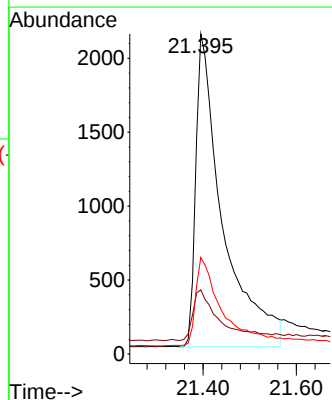
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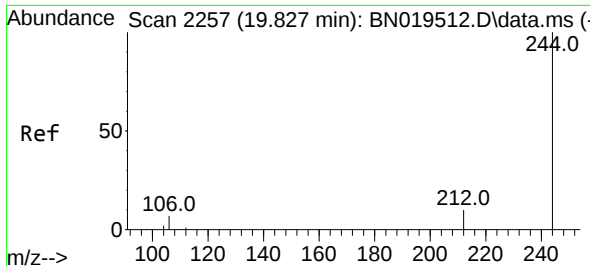
Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.395 min Scan# 2453
Delta R.T. 0.011 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24

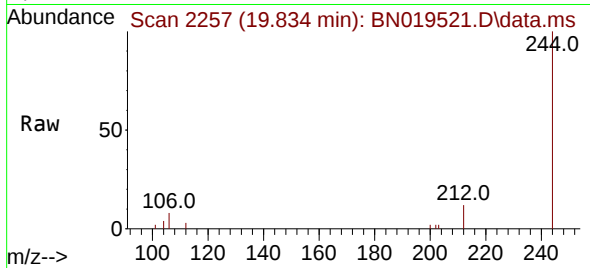
Tgt Ion:240 Resp: 8467
Ion Ratio Lower Upper
240 100
120 20.0 8.5 12.7#
236 30.2 22.4 33.6





#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.834 min Scan# 21
Delta R.T. 0.007 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24

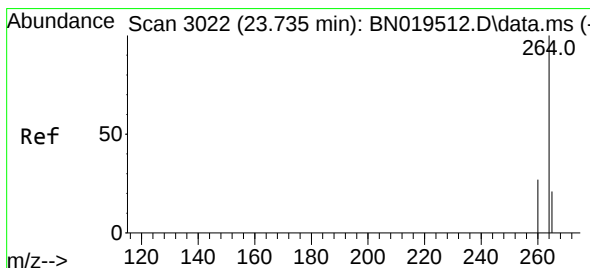
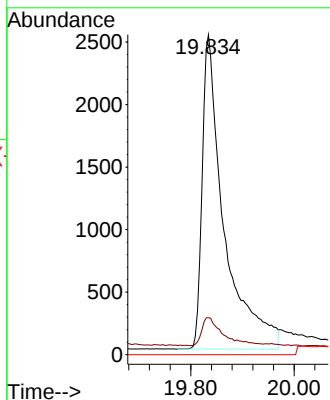
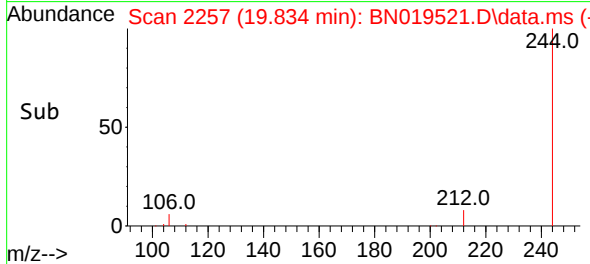
Instrument :
BNA_N
ClientSampleId :
PB144158BL



Tgt Ion:244 Resp: 737
Ion Ratio Lower Upper
244 100
212 11.5 8.2 12.4
122 0.0 0.0 0.0

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Supervised By :Jagrut Upadhyay 04/25/2022



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.740 min Scan# 3022
Delta R.T. 0.005 min
Lab File: BN019521.D
Acq: 22 Apr 2022 14:24

Tgt Ion:264 Resp: 7052
Ion Ratio Lower Upper
264 100
260 29.3 22.4 33.6
265 49.9 25.3 37.9#

