

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
 Data File : BN021738.D
 Acq On : 13 Sep 2022 23:43
 Operator : CG/JU
 Sample : PB147574BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB147574BL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022

Quant Time: Sep 14 02:12:37 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 01:55:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.054	152	4602	0.400	ng	0.00
7) Naphthalene-d8	10.887	136	13314	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	7156	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	16810	0.400	ng	0.00
29) Chrysene-d12	21.647	240	11334	0.400	ng	# 0.00
35) Perylene-d12	24.160	264	9203	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	4108	0.341	ng	0.00
5) Phenol-d6	7.209	99	4958	0.325	ng	0.00
8) Nitrobenzene-d5	9.233	82	3427m	0.311	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	11314	0.337	ng	0.00
14) 2,4,6-Tribromophenol	16.209	330	702	0.215	ng	0.00
15) 2-Fluorobiphenyl	13.339	172	10535	0.361	ng	0.00
27) Fluoranthene-d10	19.494	212	15882	0.351	ng	0.00
31) Terphenyl-d14	20.080	244	10379	0.401	ng	0.00

Target Compounds Qvalue

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

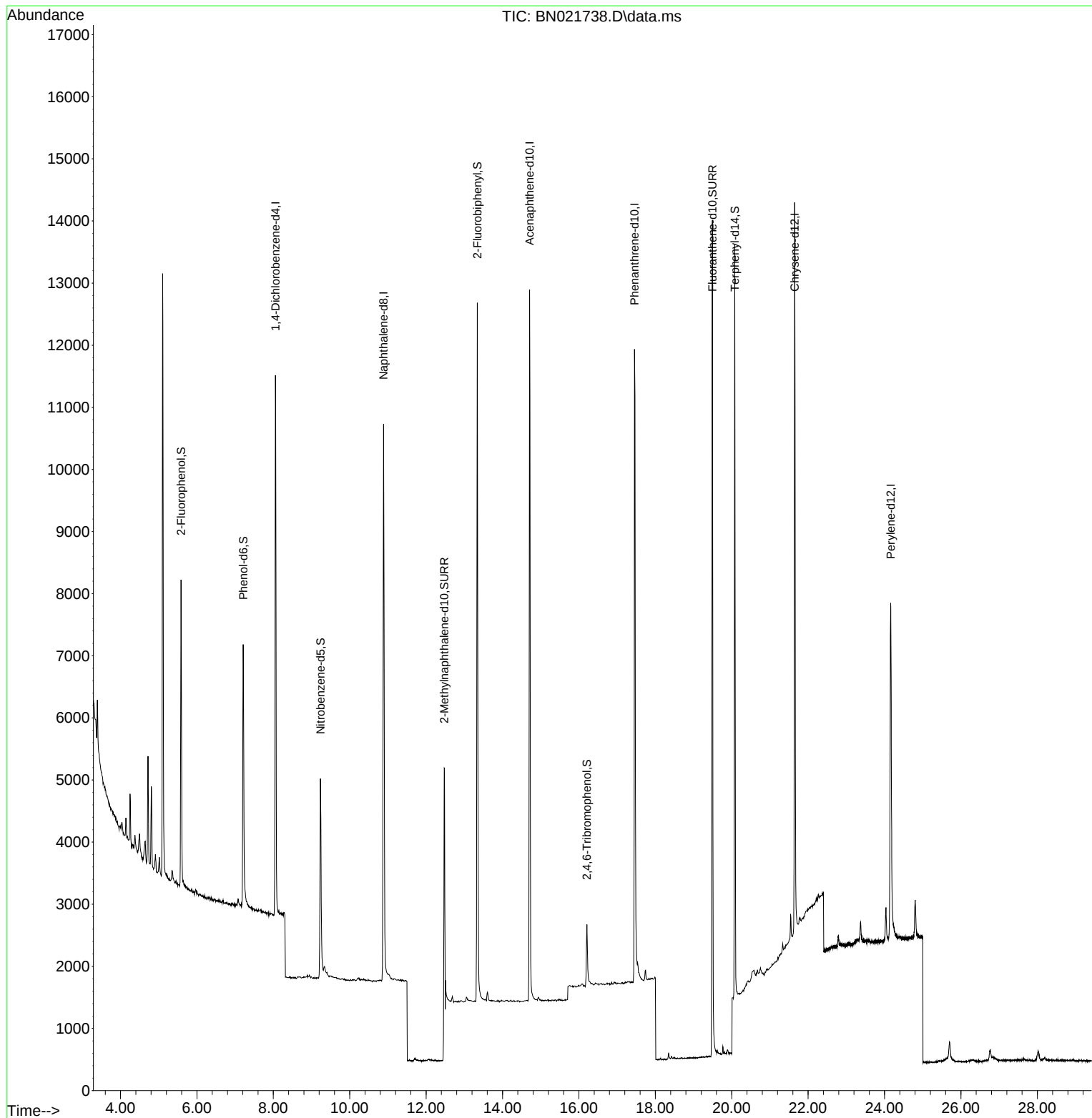
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021738.D
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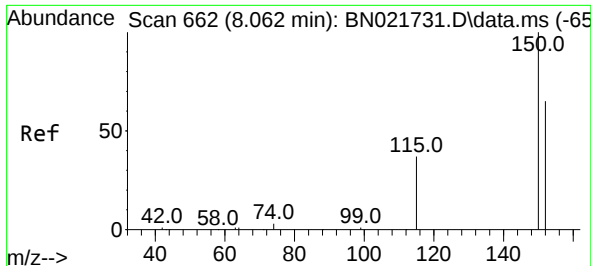
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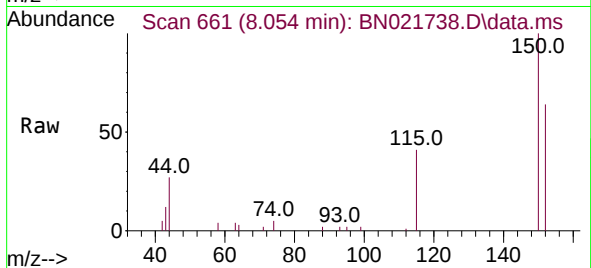
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.054 min Scan# 662
 Delta R.T. -0.008 min
 Lab File: BN021738.D
 Acq: 13 Sep 2022 23:43

Instrument :

BNA_N

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PB147574BL

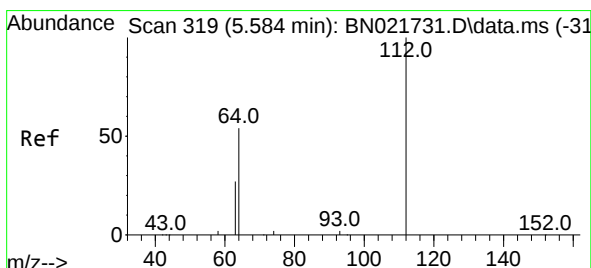
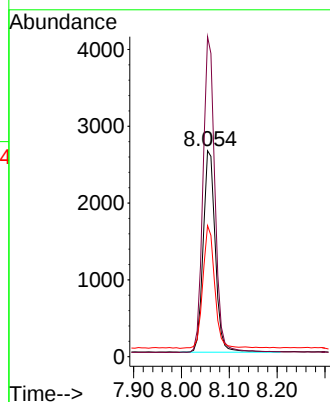
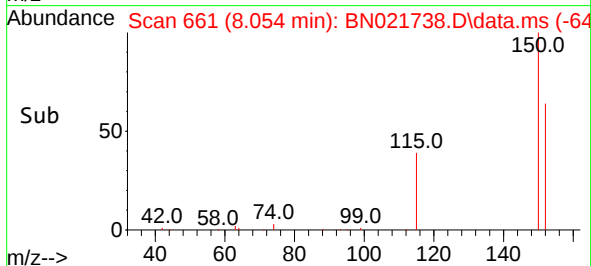


Tgt Ion:152 Resp: 4602
 Ion Ratio Lower Upper
 152 100
 150 155.4 121.8 182.8
 115 63.6 48.3 72.5

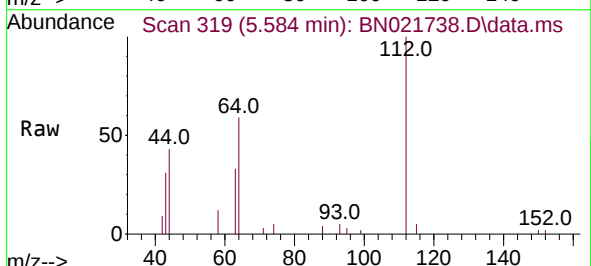
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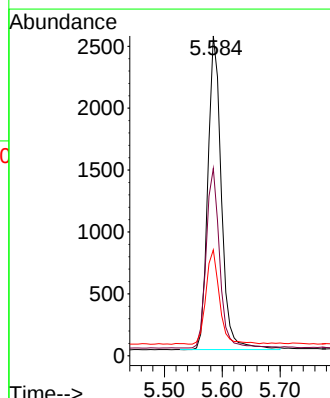
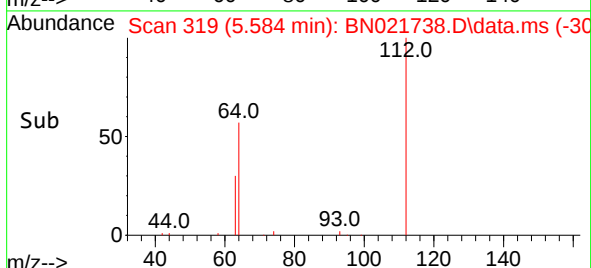
Reviewed By :Christian Giraldo 09/15/2022
 Supervised By :Jagrut Upadhyay 09/15/2022

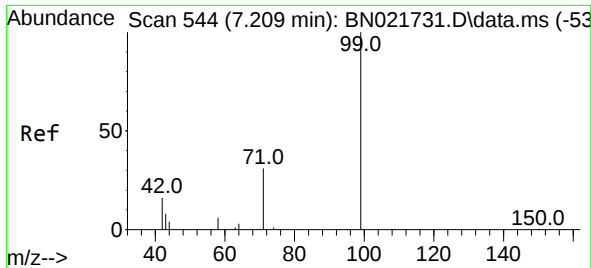


#4
 2-Fluorophenol
 Concen: 0.341 ng
 RT: 5.584 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: BN021738.D
 Acq: 13 Sep 2022 23:43



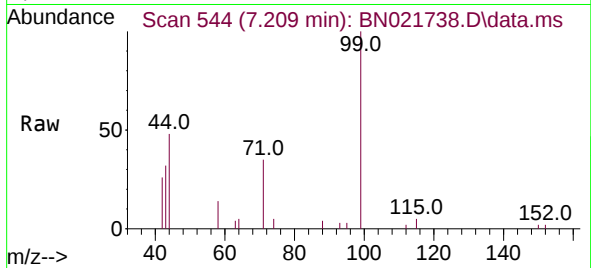
Tgt Ion:112 Resp: 4108
 Ion Ratio Lower Upper
 112 100
 64 57.0 45.4 68.2
 63 29.7 23.3 34.9





#5
Phenol-d6
Concen: 0.325 ng
RT: 7.209 min Scan# 544
Delta R.T. -0.000 min
Lab File: BN021738.D
Acq: 13 Sep 2022 23:43

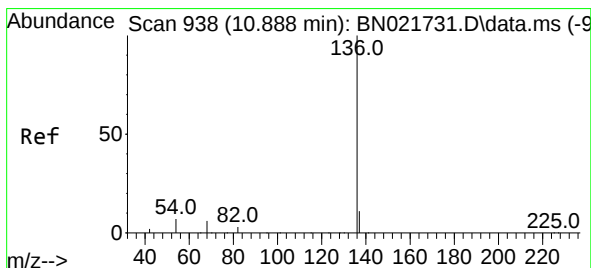
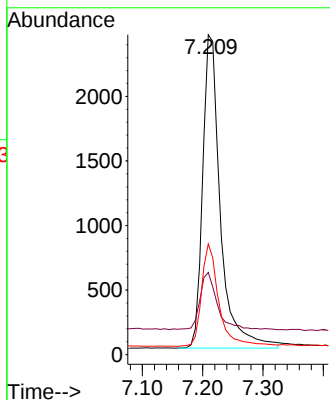
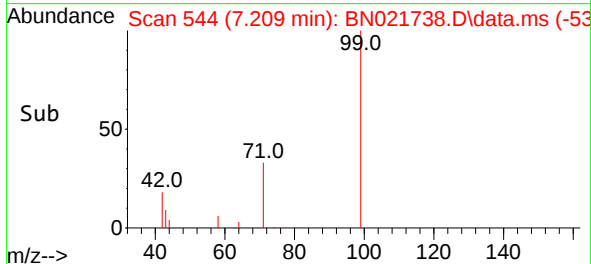
Instrument :
BNA_N
ClientSampleId :
PB147574BL



Tgt Ion: 99 Resp: 4958
Ion Ratio Lower Upper
99 100
42 18.0 15.1 22.7
71 31.9 25.3 37.9

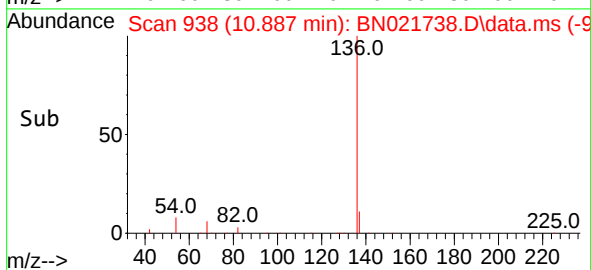
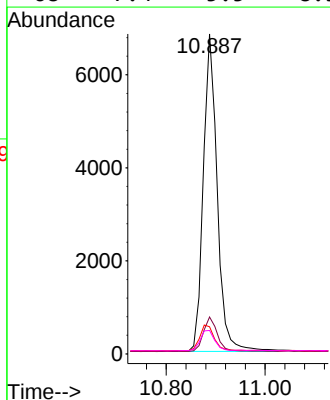
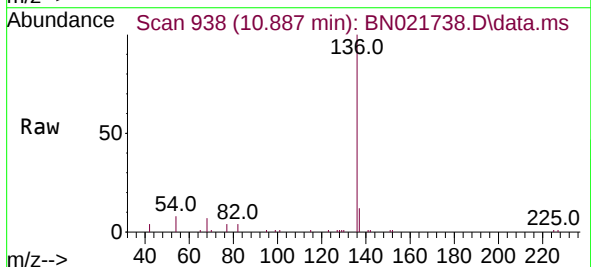
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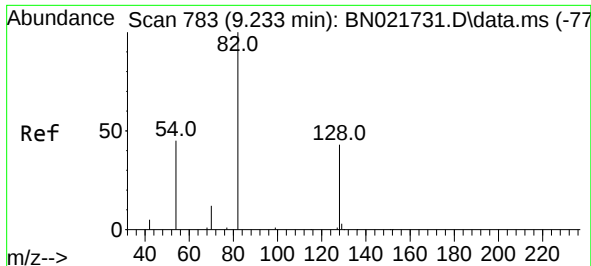
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 938
Delta R.T. -0.000 min
Lab File: BN021738.D
Acq: 13 Sep 2022 23:43

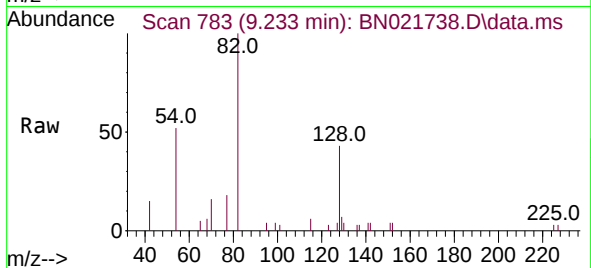
Tgt Ion:136 Resp: 13314
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.5 6.4 9.6
68 7.4 5.5 8.3





#8
Nitrobenzene-d5
Concen: 0.311 ng m
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021738.D
Acq: 13 Sep 2022 23:43

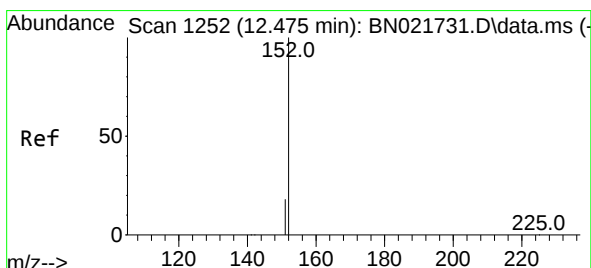
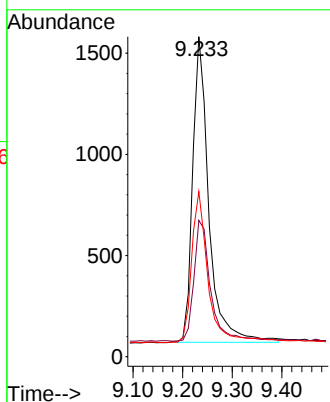
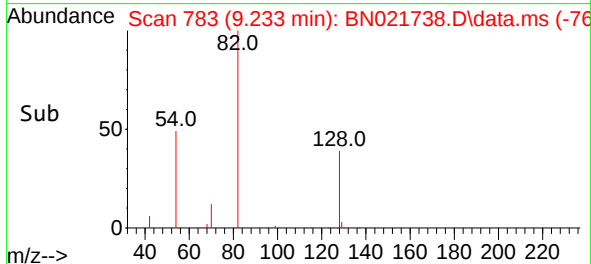
Instrument :
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ClientSampleId :
PB147574BL



Tgt Ion: 82 Resp: 342
Ion Ratio Lower Upper
82 100
128 42.6 35.6 53.4
54 51.6 37.8 56.8

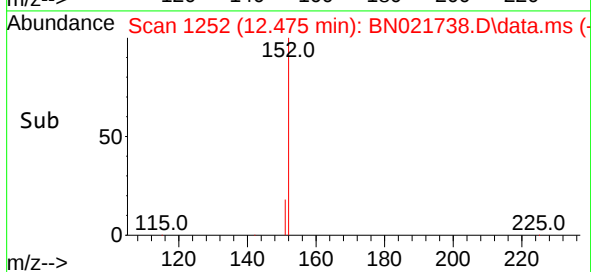
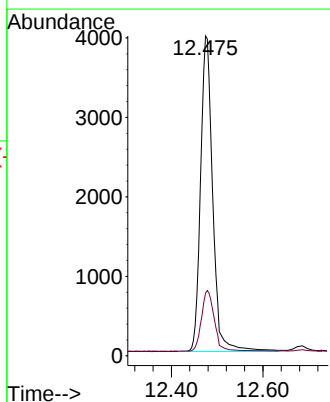
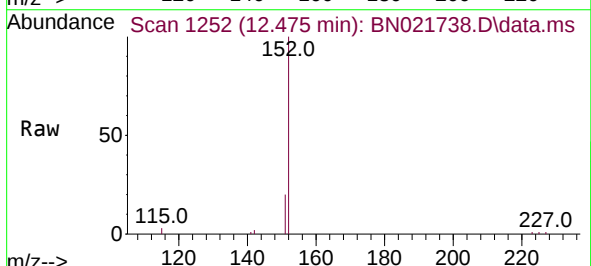
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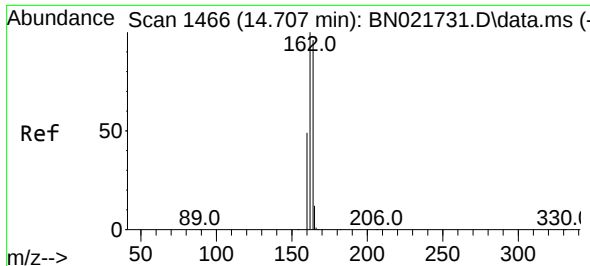
Reviewed By :Christian Giraldo 09/15/2022
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#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.475 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BN021738.D
Acq: 13 Sep 2022 23:43

Tgt Ion:152 Resp: 11314
Ion Ratio Lower Upper
152 100
151 21.0 15.6 23.4





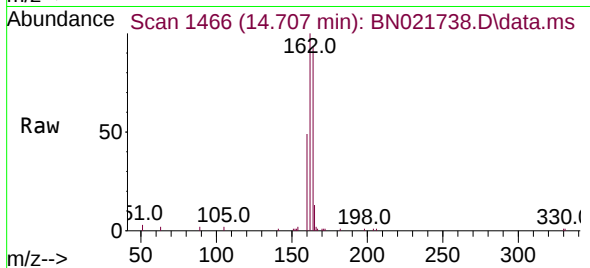
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN021738.D
Acq: 13 Sep 2022 23:43

Instrument :

BNA_N

ClientSampleId :

PB147574BL

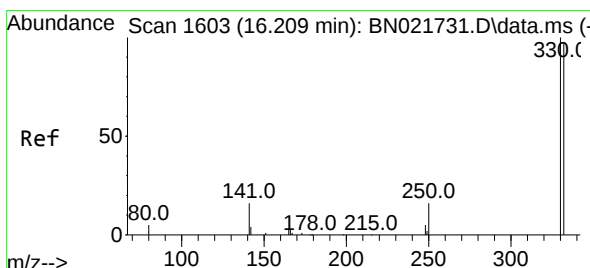
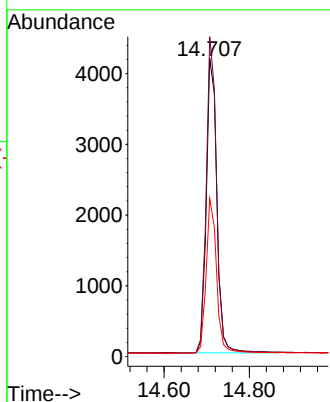
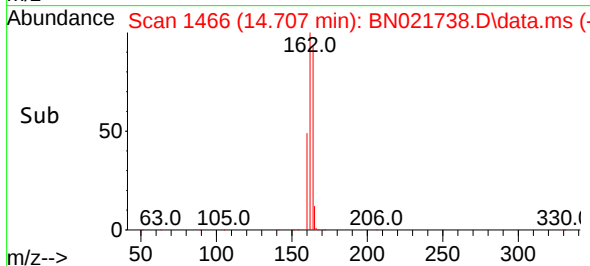


Tgt Ion:164 Resp: 7156
Ion Ratio Lower Upper
164 100
162 107.3 83.2 124.8
160 53.0 40.9 61.3

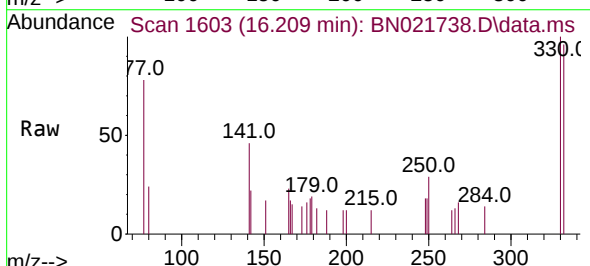
Manual Integrations

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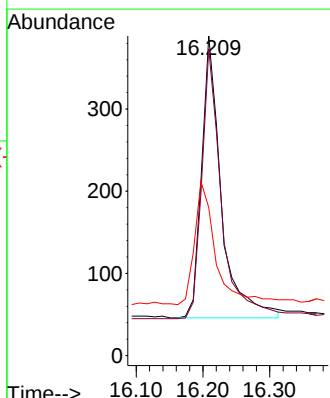
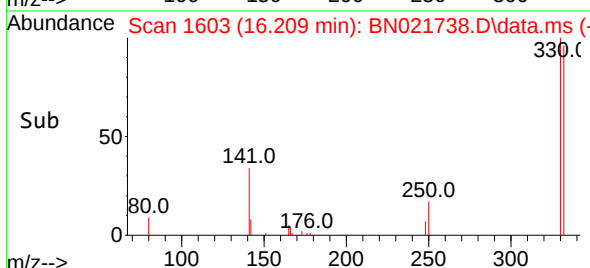
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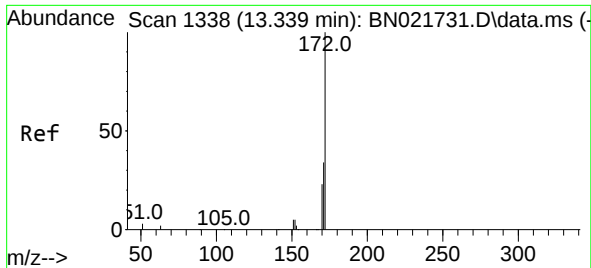


#14
2,4,6-Tribromophenol
Concen: 0.215 ng
RT: 16.209 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BN021738.D
Acq: 13 Sep 2022 23:43



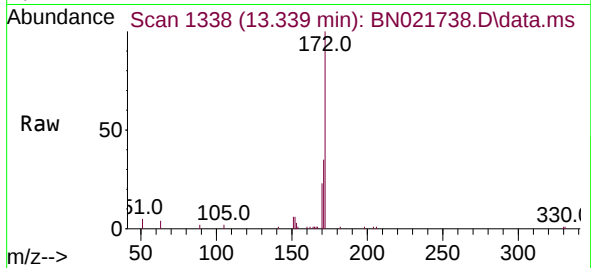
Tgt Ion:330 Resp: 702
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 46.0 37.2 55.8





#15
2-Fluorobiphenyl
Concen: 0.361 ng
RT: 13.339 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BN021738.D
Acq: 13 Sep 2022 23:43

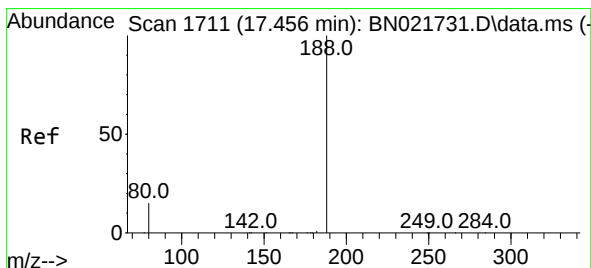
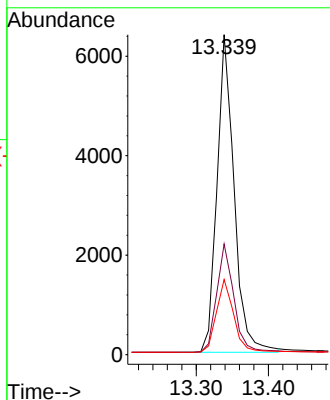
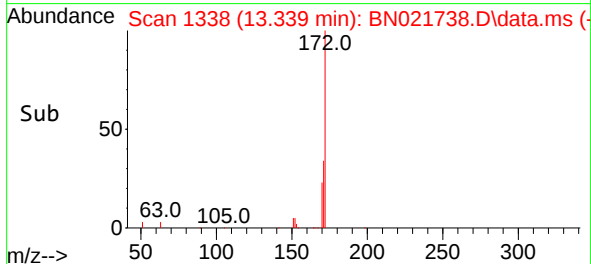
Instrument :
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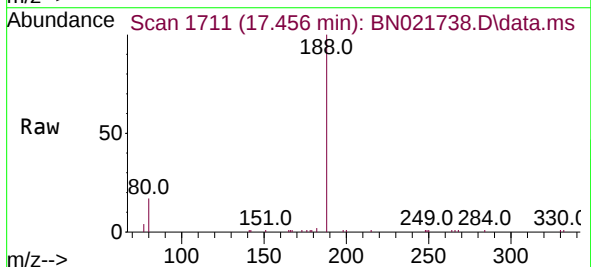
Tgt Ion:172 Resp: 10535
Ion Ratio Lower Upper
172 100
171 34.6 27.7 41.5
170 23.5 18.8 28.2

Manual Integrations
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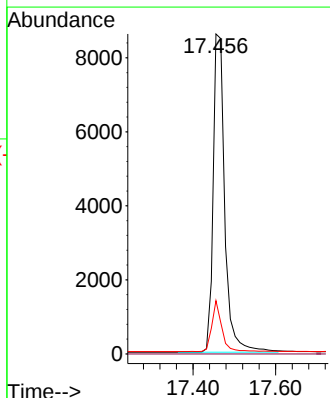
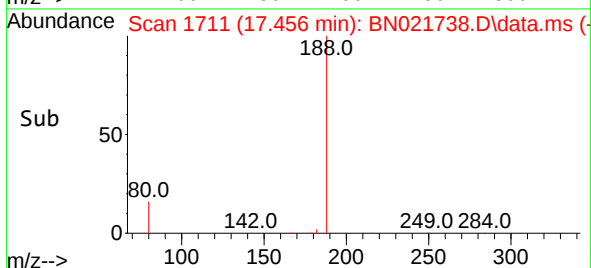
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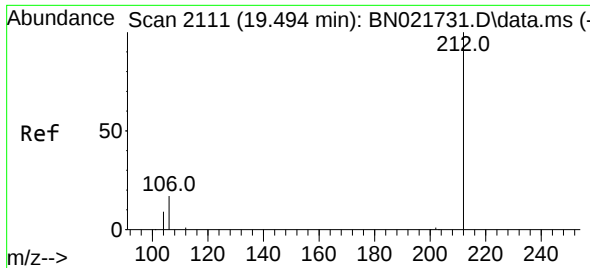


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1711
Delta R.T. -0.000 min
Lab File: BN021738.D
Acq: 13 Sep 2022 23:43



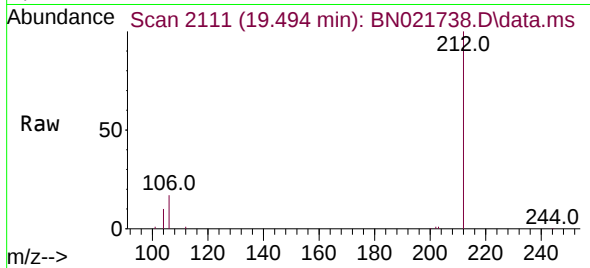
Tgt Ion:188 Resp: 16810
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.6 12.6 19.0





#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.494 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN021738.D
Acq: 13 Sep 2022 23:43

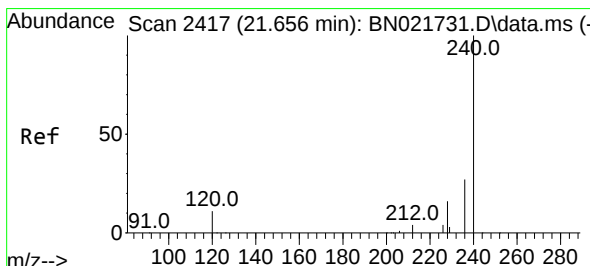
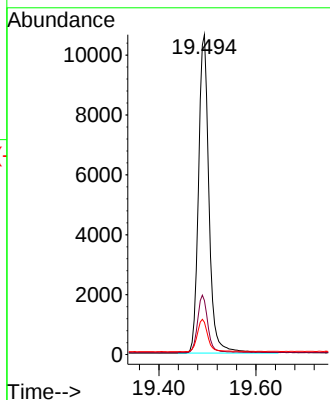
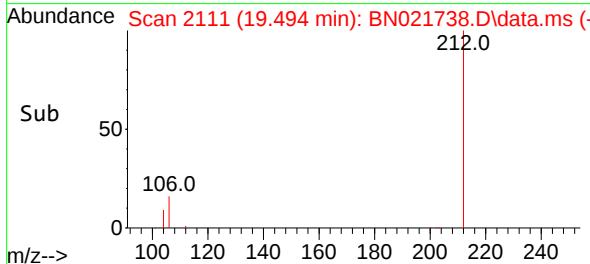
Instrument :
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Tgt Ion:212 Resp: 15882
Ion Ratio Lower Upper
212 100
106 17.9 14.3 21.5
104 10.2 8.0 12.0

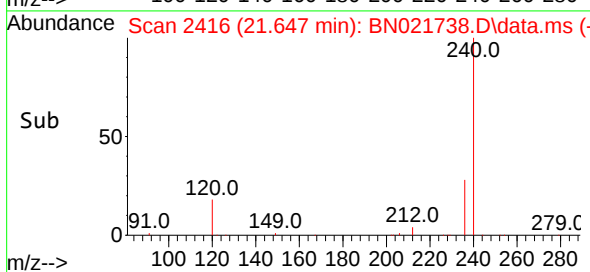
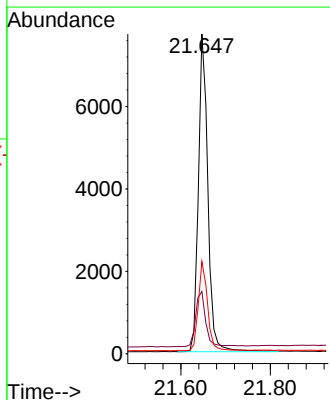
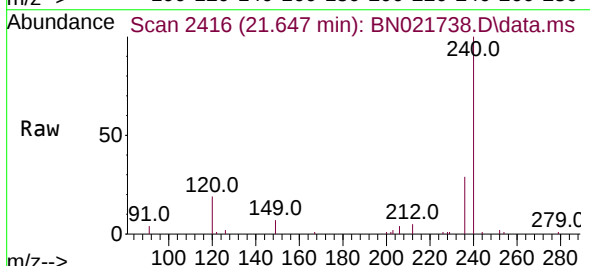
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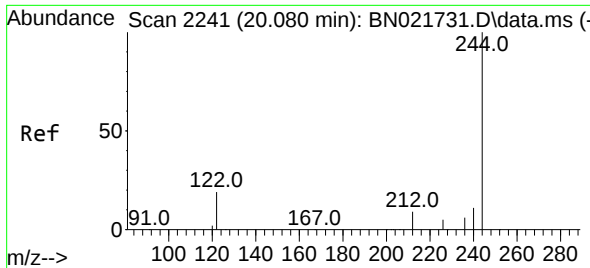
Reviewed By :Christian Giraldo 09/15/2022
Supervised By :Jagrut Upadhyay 09/15/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021738.D
Acq: 13 Sep 2022 23:43

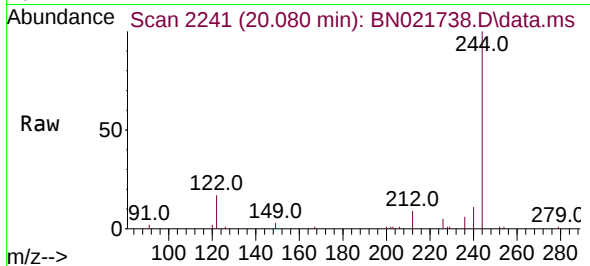
Tgt Ion:240 Resp: 11334
Ion Ratio Lower Upper
240 100
120 19.5 9.8 14.8#
236 28.9 22.2 33.4





#31
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 20.080 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN021738.D
 Acq: 13 Sep 2022 23:43

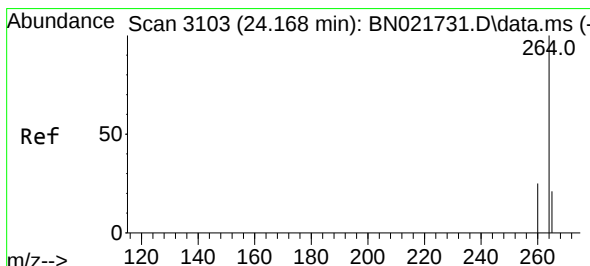
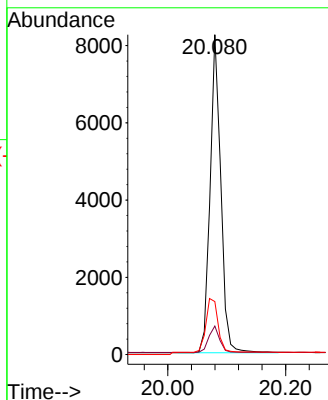
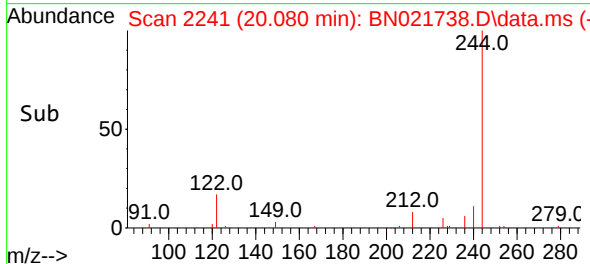
Instrument :
 BNA_N
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 PB147574BL



Tgt Ion:244 Resp: 10379
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.9 11.9
 122 16.6 15.8 23.8

Manual Integrations
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#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.160 min Scan# 3100
 Delta R.T. -0.009 min
 Lab File: BN021738.D
 Acq: 13 Sep 2022 23:43

Tgt Ion:264 Resp: 9203
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.6 31.0
 265 54.7 34.4 51.6#

