

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017931.D
 Acq On : 12 Dec 2021 08:53
 Operator : CG/JU
 Sample : PB141310BL
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB141310BL

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/13/2021
 Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 13 00:21:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 00:01:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.714	152	27478	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	100368	0.400	ng	# 0.00
13) Acenaphthene-d10	14.347	164	59122	0.400	ng	0.01
19) Phenanthrene-d10	17.116	188	105413	0.400	ng	0.02
29) Chrysene-d12	21.303	240	71584	0.400	ng	0.01
35) Perylene-d12	23.596	264	51658	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.345	112	17415	0.307	ng	0.02
5) Phenol-d6	6.903	99	12781	0.227	ng	0.00
8) Nitrobenzene-d5	8.859	82	18917	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	12.103	152	48499	0.275	ng	0.01
14) 2,4,6-Tribromophenol	15.882	330	1381m	0.375	ng	0.04
15) 2-Fluorobiphenyl	12.989	172	59924m	0.288	ng	0.03
27) Fluoranthene-d10	19.139	212	105428	0.309	ng	0.00
31) Terphenyl-d14	19.745	244	80527	0.456	ng	0.00

Target Compounds Qvalue

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

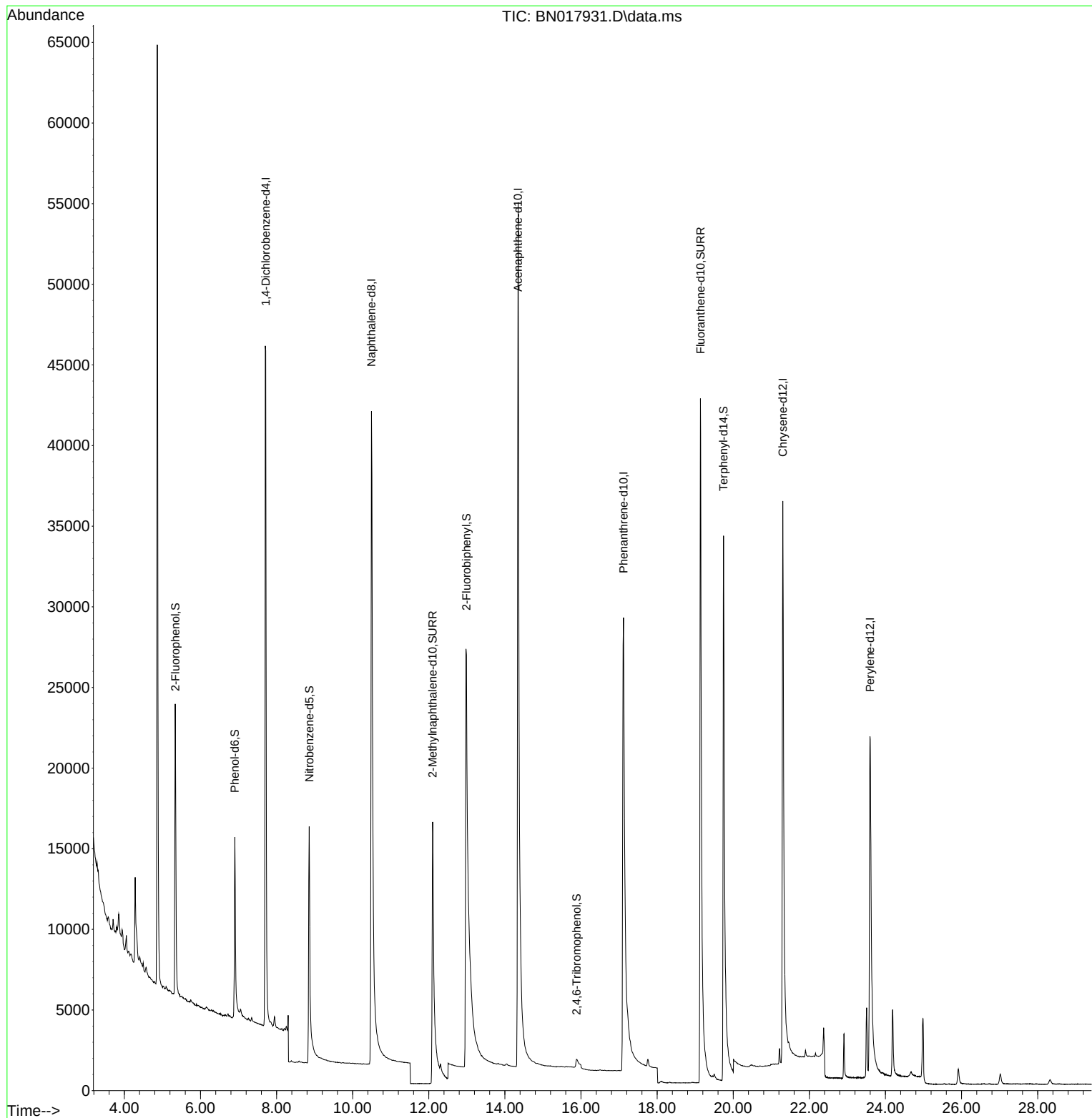
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017931.D
Acq On : 12 Dec 2021 08:53
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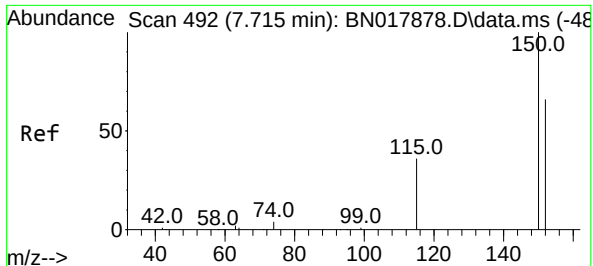
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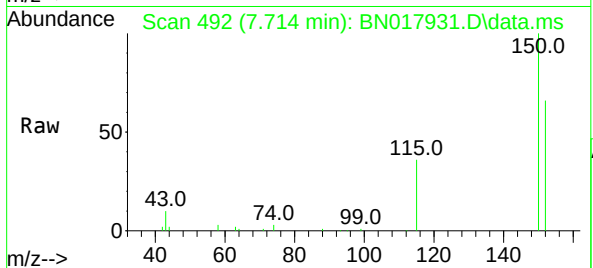
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.714 min Scan# 492
Delta R.T. -0.001 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

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BNA_N

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PB141310BL

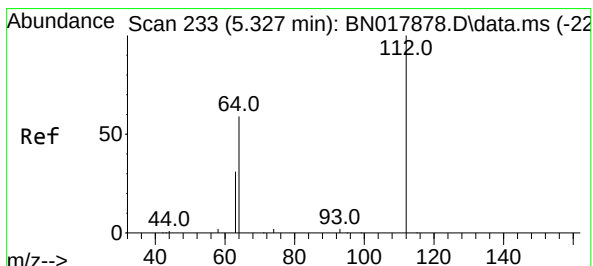
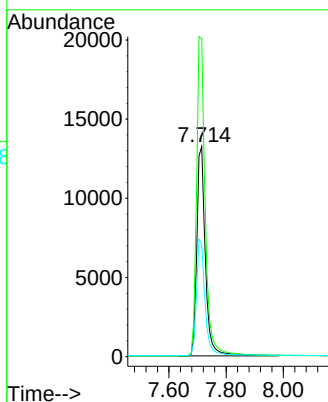


Tgt Ion:152 Resp: 27478
Ion Ratio Lower Upper
152 100
150 151.4 121.9 182.9
115 53.7 44.1 66.1

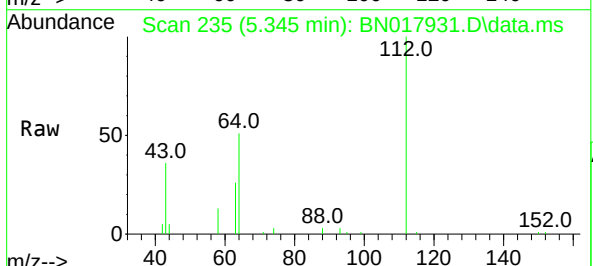
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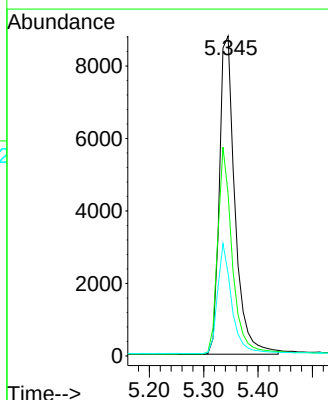
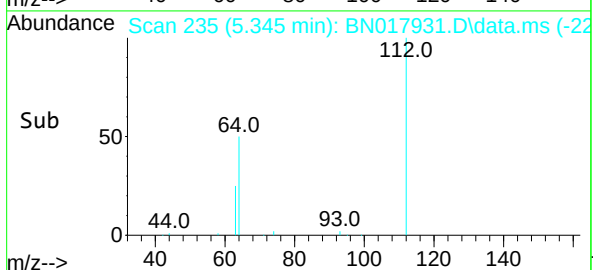
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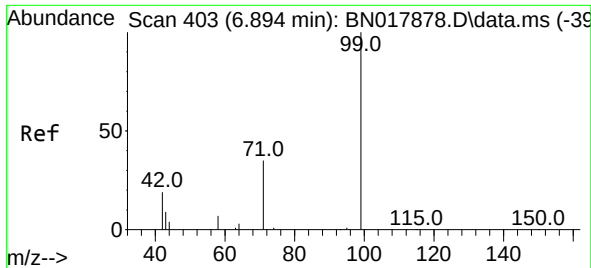


#4
2-Fluorophenol
Concen: 0.307 ng
RT: 5.345 min Scan# 235
Delta R.T. 0.018 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53



Tgt Ion:112 Resp: 17415
Ion Ratio Lower Upper
112 100
64 60.5 49.0 73.4
63 31.5 26.2 39.2





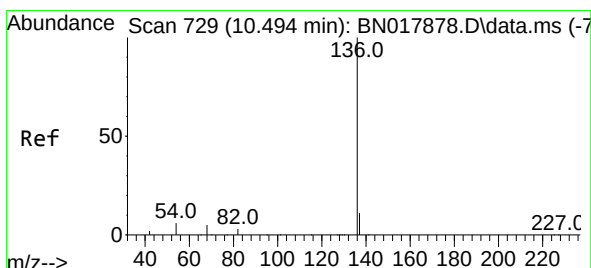
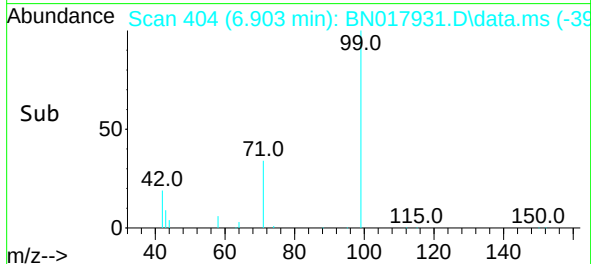
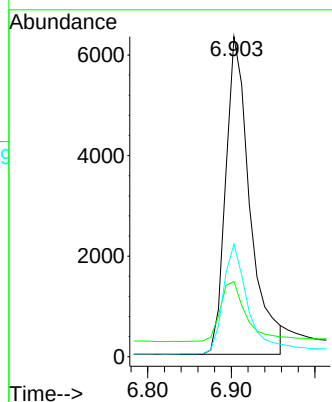
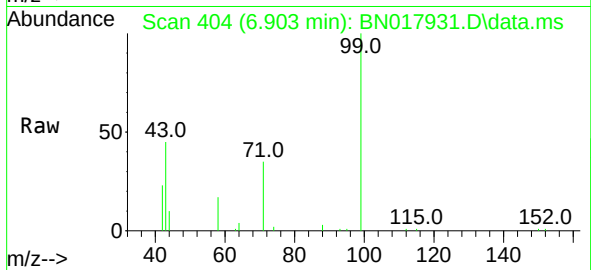
#5
Phenol-d6
Concen: 0.227 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

Instrument :
BNA_N
ClientSampleId :
PB141310BL

Tgt Ion: 99 Resp: 1278
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.4
71 34.6 28.0 42.0

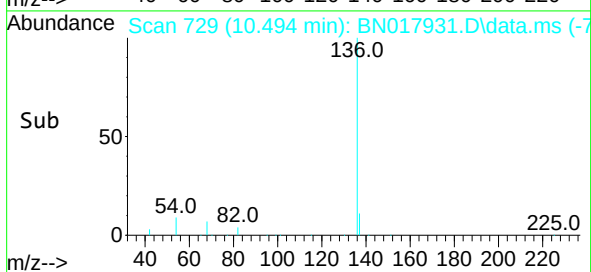
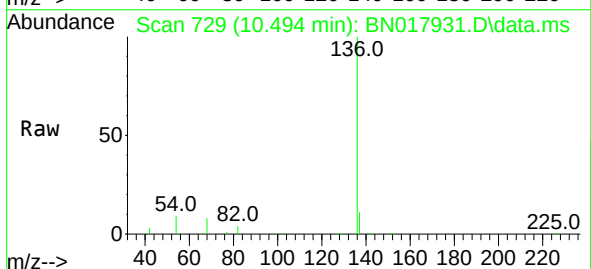
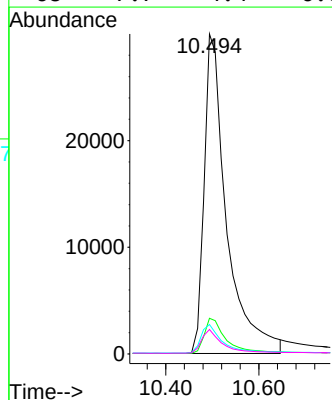
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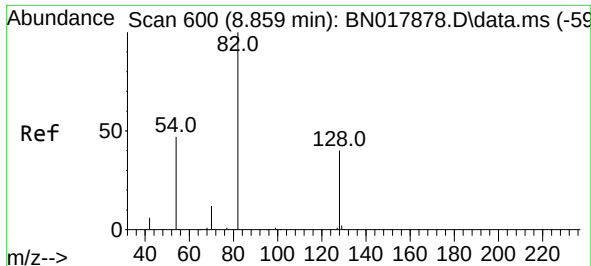
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

Tgt Ion:136 Resp: 100368
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.2 5.1 7.7#
68 7.7 4.4 6.6#





#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

Instrument :

BNA_N

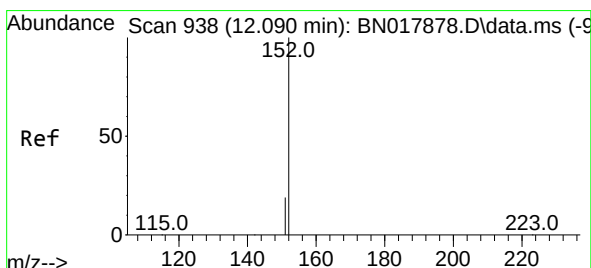
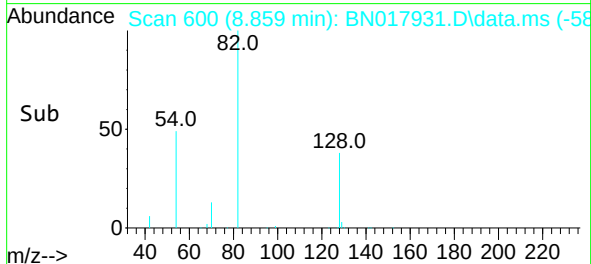
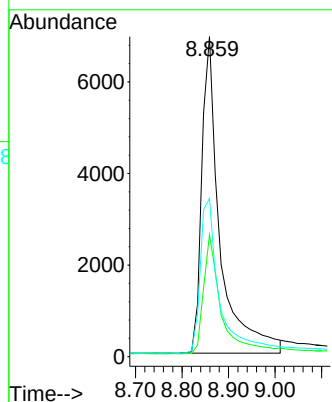
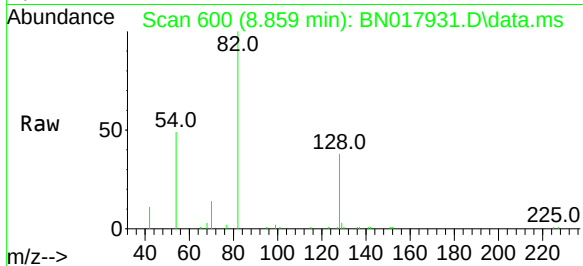
ClientSampleId :

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Tgt Ion: 82 Resp: 1891
Ion Ratio Lower Upper
82 100
128 38.1 32.2 48.4
54 49.5 37.6 56.4

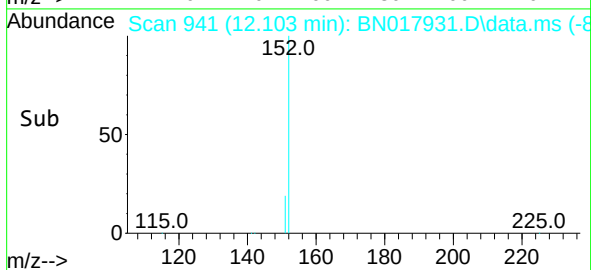
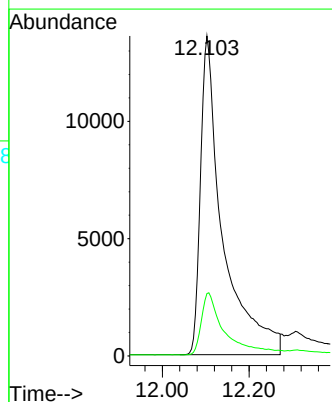
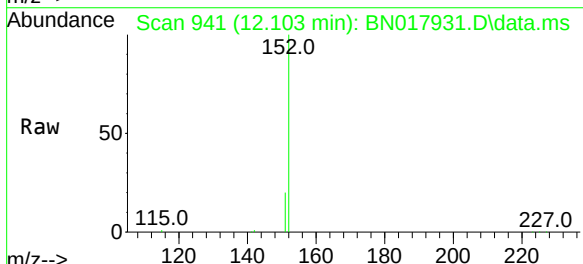
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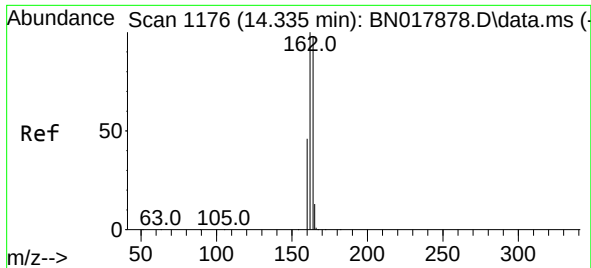
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#11
2-Methylnaphthalene-d10
Concen: 0.275 ng
RT: 12.103 min Scan# 941
Delta R.T. 0.013 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

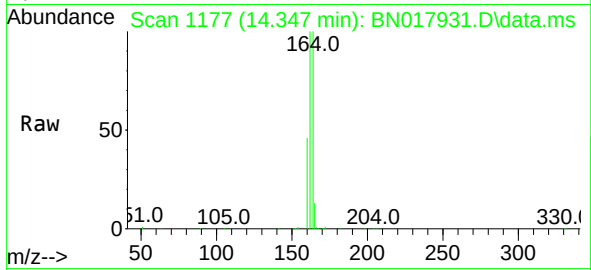
Tgt Ion:152 Resp: 48499
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 1177
Delta R.T. 0.012 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

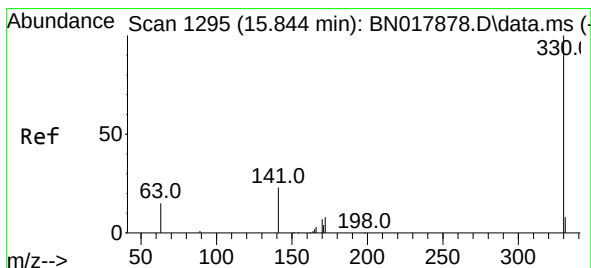
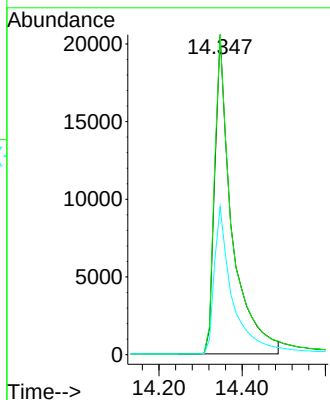
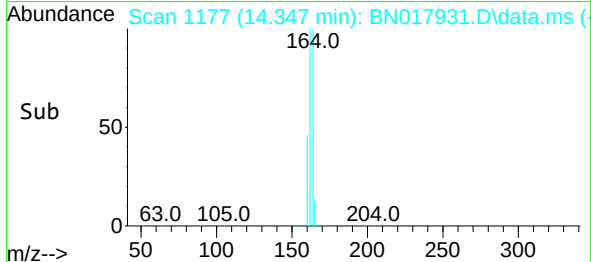
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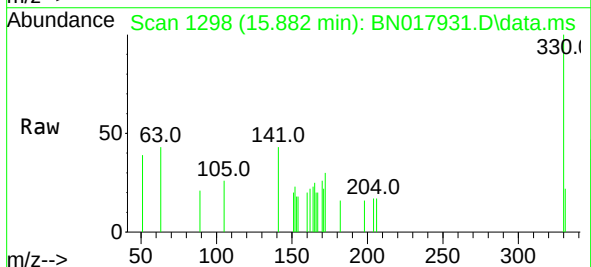
Tgt Ion:164 Resp: 5912
Ion Ratio Lower Upper
164 100
162 99.9 82.1 123.1
160 46.2 38.2 57.2

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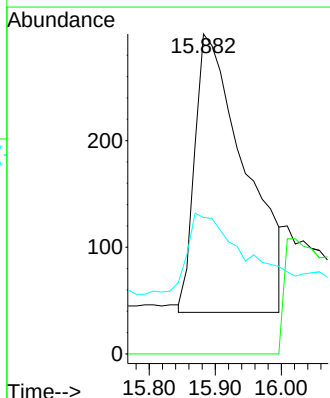
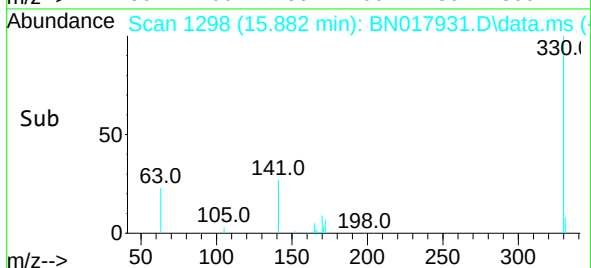
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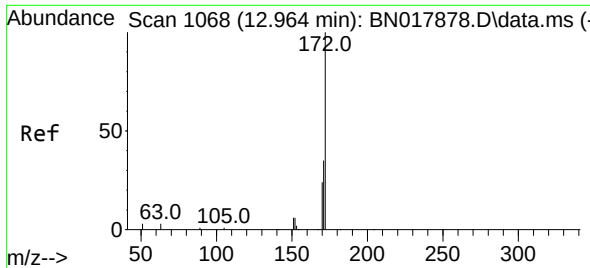


#14
2,4,6-Tribromophenol
Concen: 0.375 ng m
RT: 15.882 min Scan# 1298
Delta R.T. 0.038 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53



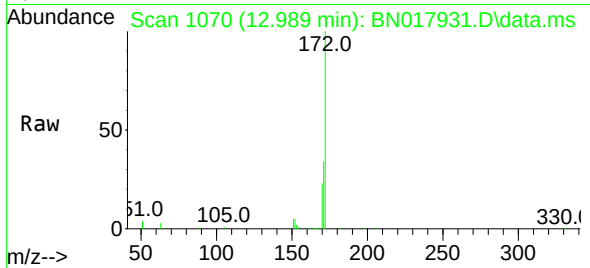
Tgt Ion:330 Resp: 1381
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 25.3 19.7 29.5





#15
2-Fluorobiphenyl
Concen: 0.288 ng m
RT: 12.989 min Scan# 1068
Delta R.T. 0.025 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

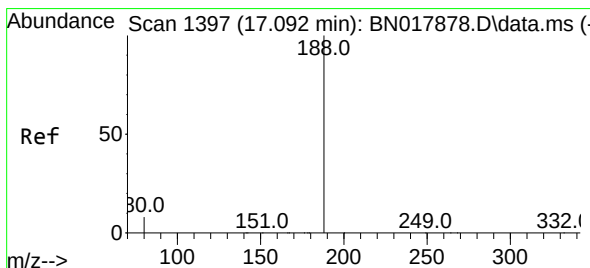
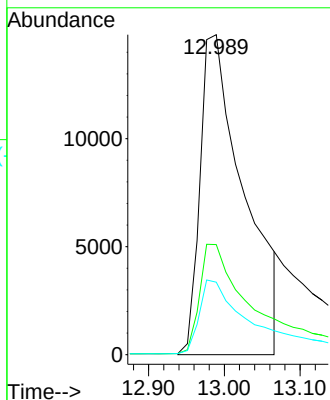
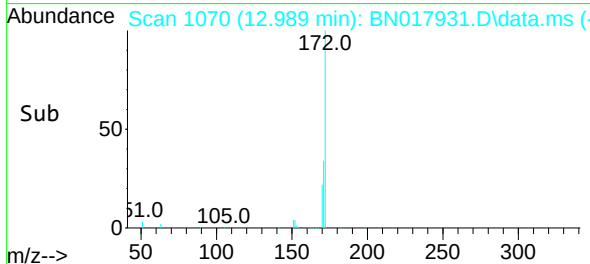
Instrument :
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PB141310BL



Tgt Ion:172 Resp: 59924
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.7 19.1 28.7

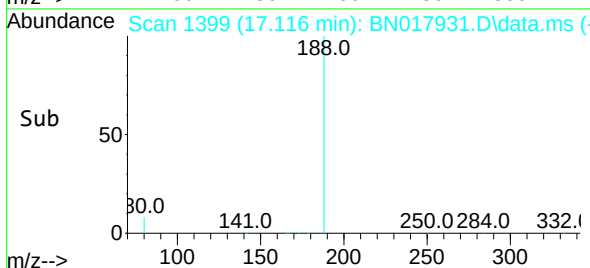
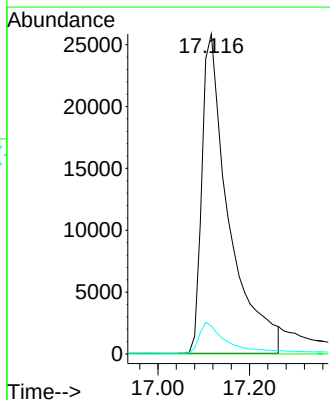
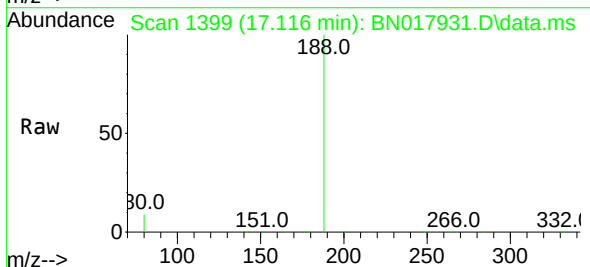
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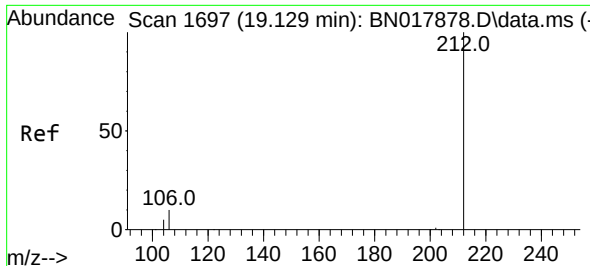
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1399
Delta R.T. 0.024 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

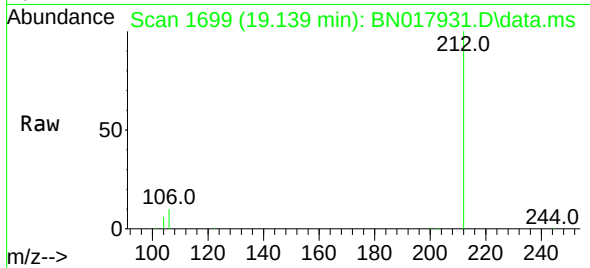
Tgt Ion:188 Resp: 105413
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.7 6.2 9.2





#27
Fluoranthene-d10
Concen: 0.309 ng
RT: 19.139 min Scan# 1699
Delta R.T. 0.010 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53

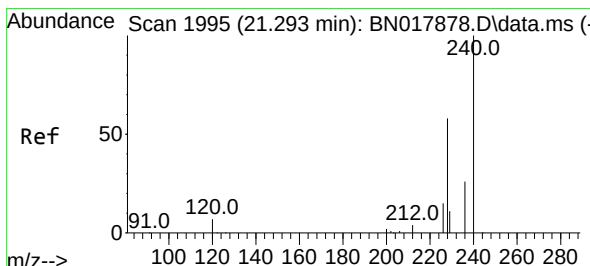
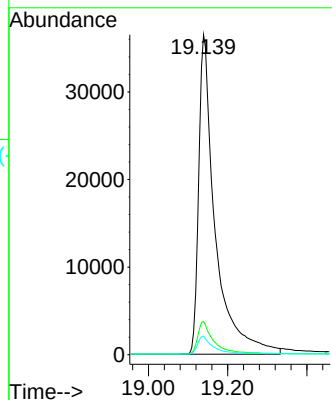
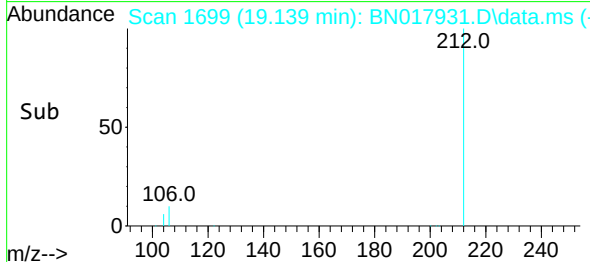
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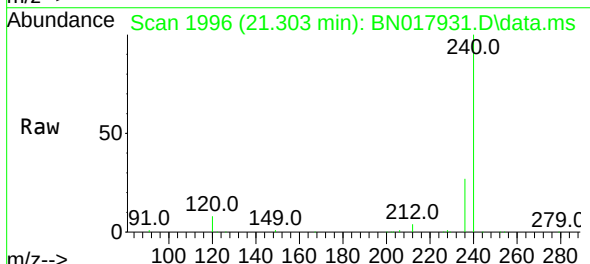
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Ion Ratio Lower Upper
212 100
106 10.3 8.3 12.5
104 5.7 4.6 6.8

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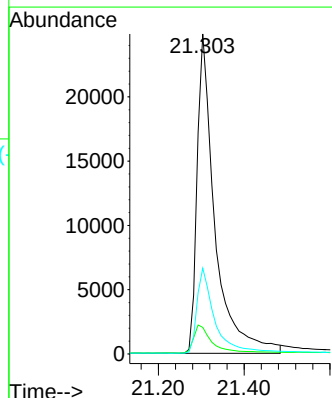
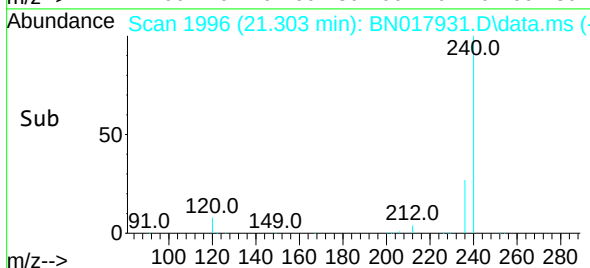
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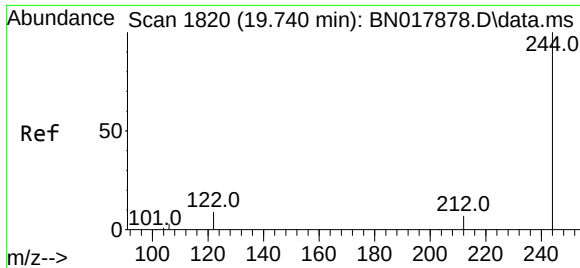


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 1996
Delta R.T. 0.010 min
Lab File: BN017931.D
Acq: 12 Dec 2021 08:53



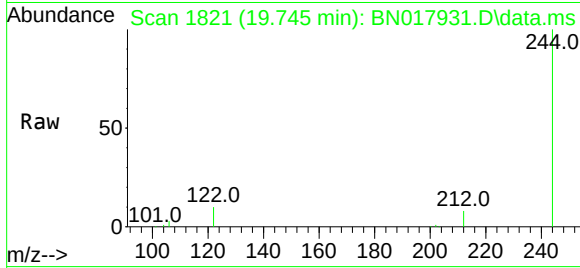
Tgt Ion:240 Resp: 71584
Ion Ratio Lower Upper
240 100
120 8.3 5.8 8.8
236 26.8 21.0 31.6





#31
 Terphenyl-d14
 Concen: 0.456 ng
 RT: 19.745 min Scan# 11
 Delta R.T. 0.005 min
 Lab File: BN017931.D
 Acq: 12 Dec 2021 08:53

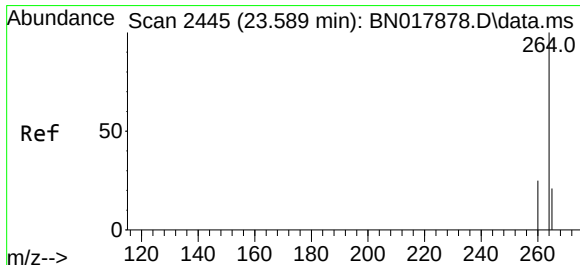
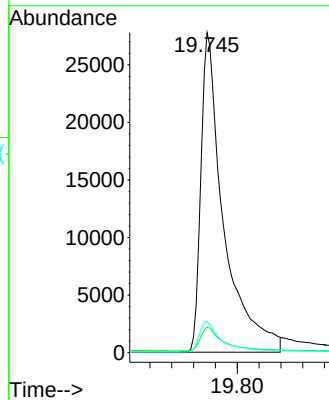
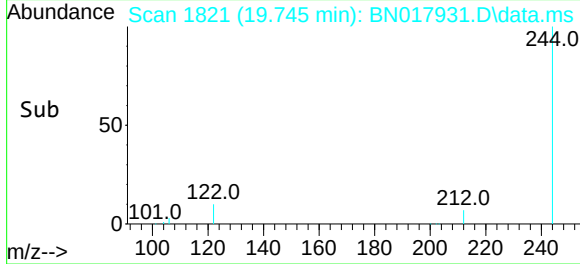
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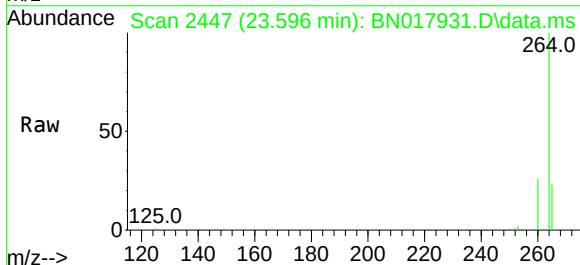
Tgt Ion:244 Resp: 8052
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 9.7 7.5 11.3

Manual Integrations
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#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.596 min Scan# 2447
 Delta R.T. 0.007 min
 Lab File: BN017931.D
 Acq: 12 Dec 2021 08:53



Tgt Ion:264 Resp: 51658
 Ion Ratio Lower Upper
 264 100
 260 25.8 20.2 30.4
 265 23.2 18.2 27.4

