

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
 Data File : BN022180.D
 Acq On : 18 Oct 2022 16:49
 Operator : CG/JU
 Sample : PB148223BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB148223BL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/19/2022
 Supervised By : mohammad ahmed 10/20/2022

Quant Time: Oct 19 02:09:16 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 19 02:07:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	4006	0.400	ng	0.00
7) Naphthalene-d8	10.784	136	12682	0.400	ng	0.00
13) Acenaphthene-d10	14.621	164	7504	0.400	ng	0.00
19) Phenanthrene-d10	17.387	188	15369	0.400	ng	0.00
29) Chrysene-d12	21.582	240	9695	0.400	ng	# 0.00
35) Perylene-d12	24.052	264	7767	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.487	112	3949	0.426	ng	0.00
5) Phenol-d6	7.119	99	4830	0.401	ng	0.00
8) Nitrobenzene-d5	9.140	82	3550m	0.348	ng	0.01
11) 2-Methylnaphthalene-d10	12.380	152	7694	0.330	ng	0.00
14) 2,4,6-Tribromophenol	16.134	330	932	0.326	ng	0.01
15) 2-Fluorobiphenyl	13.253	172	10852	0.331	ng	0.00
27) Fluoranthene-d10	19.420	212	12930	0.316	ng	0.00
31) Terphenyl-d14	20.015	244	8473	0.435	ng	0.00

Target Compounds Qvalue

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

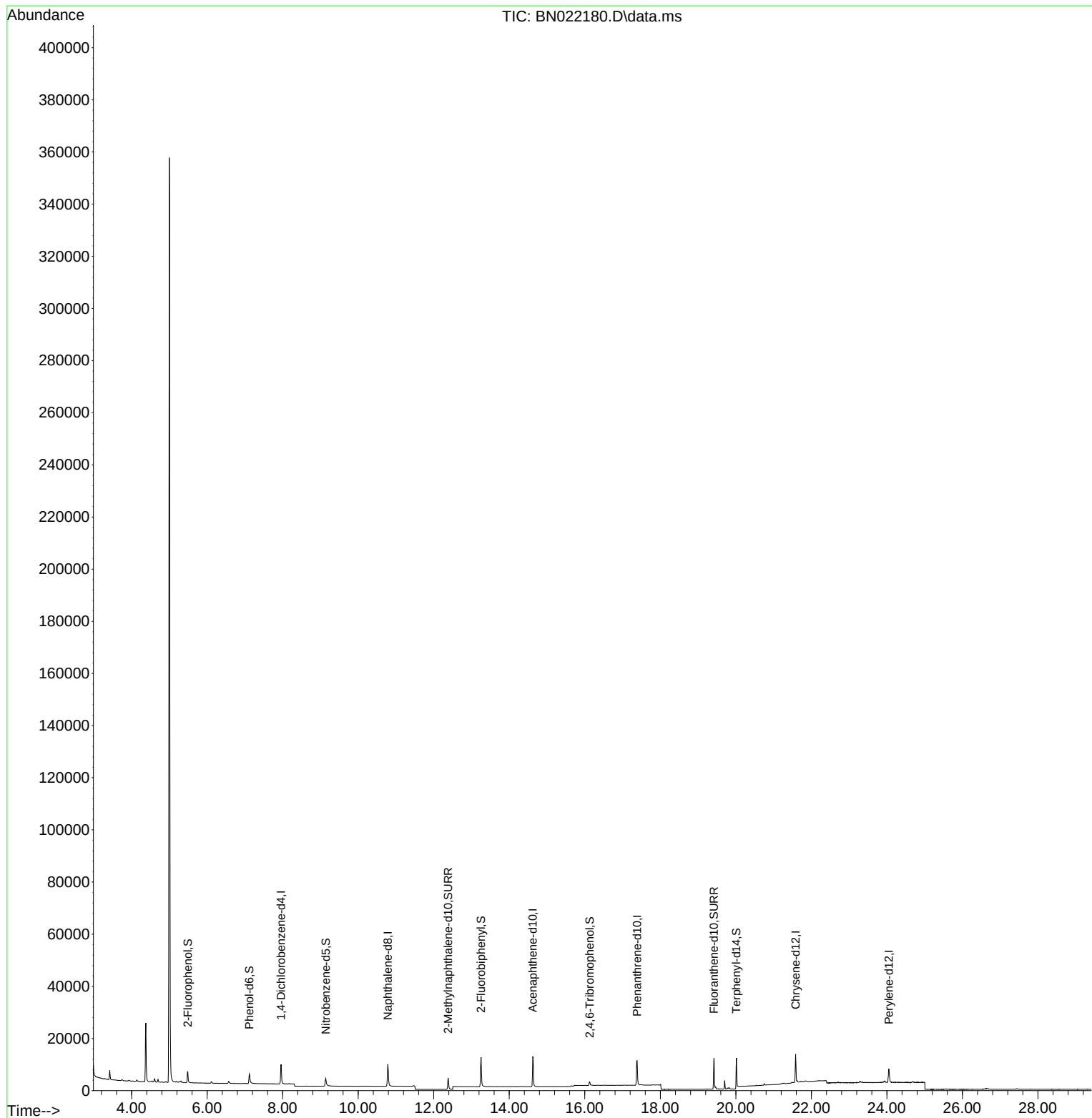
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
Data File : BN022180.D
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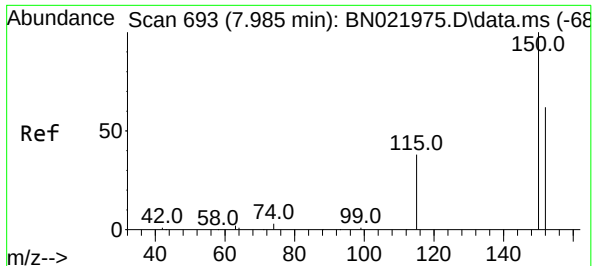
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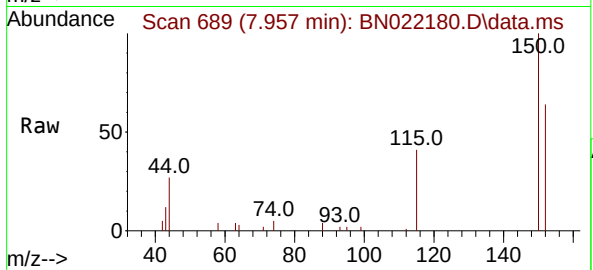
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.957 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

Instrument :

BNA_N

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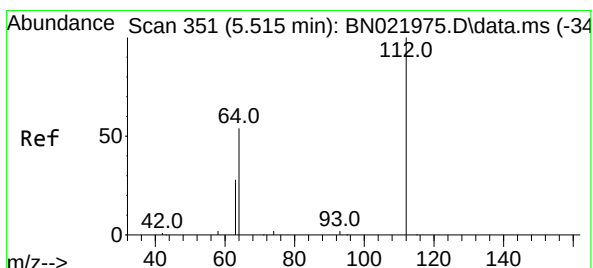
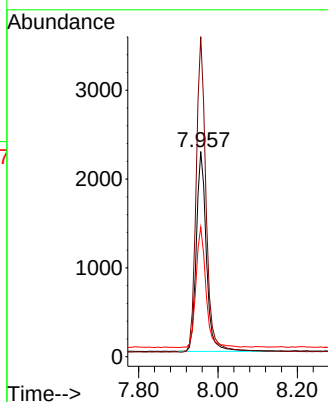
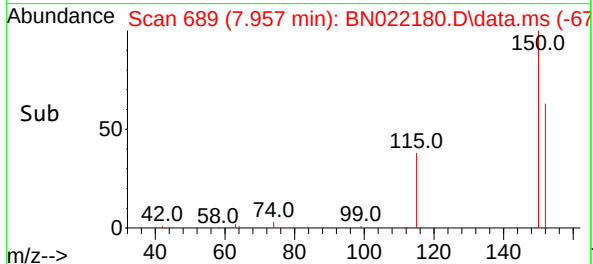


Tgt Ion:152 Resp: 4000
Ion Ratio Lower Upper
152 100
150 156.0 127.2 190.8
115 63.2 51.4 77.0

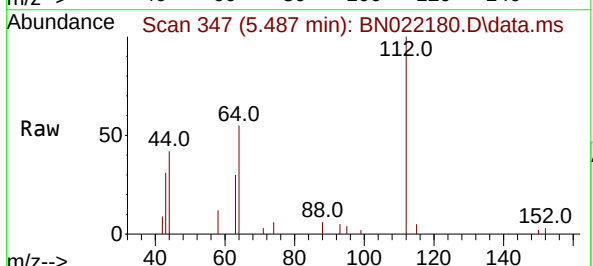
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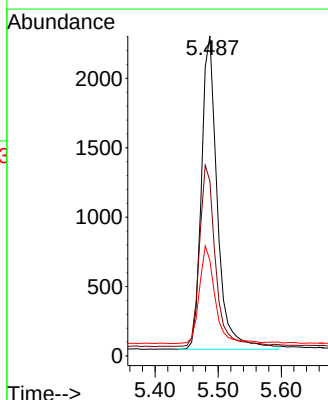
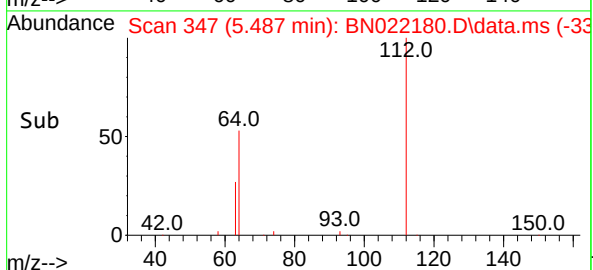
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

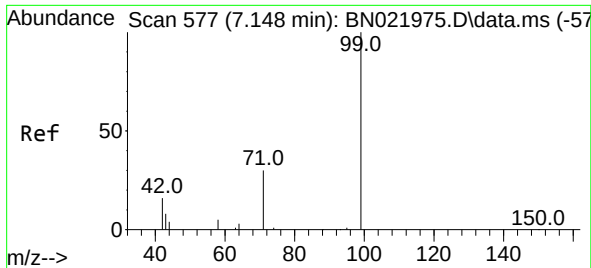


#4
2-Fluorophenol
Concen: 0.426 ng
RT: 5.487 min Scan# 347
Delta R.T. 0.007 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49



Tgt Ion:112 Resp: 3949
Ion Ratio Lower Upper
112 100
64 58.2 46.9 70.3
63 30.7 24.6 37.0





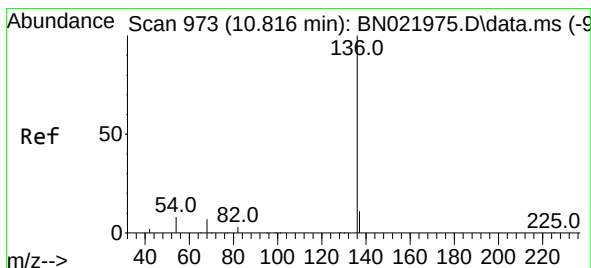
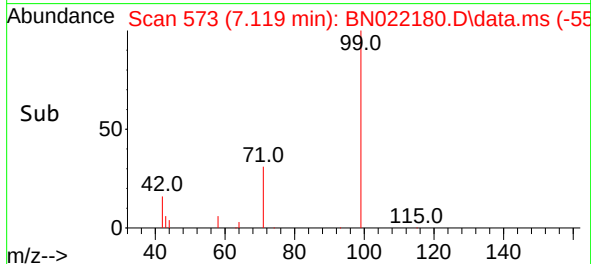
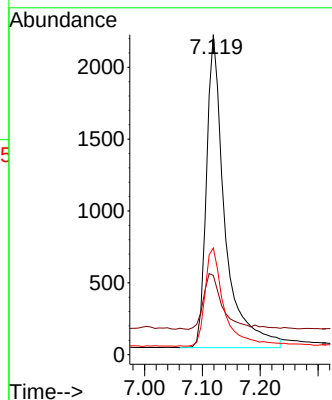
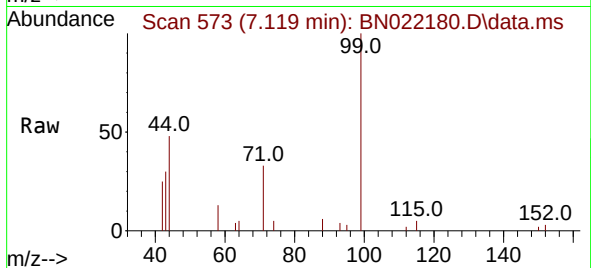
#5
Phenol-d6
Concen: 0.401 ng
RT: 7.119 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB148223BL

Tgt Ion: 99 Resp: 4830
Ion Ratio Lower Upper
99 100
42 18.0 15.9 23.9
71 32.8 25.6 38.4

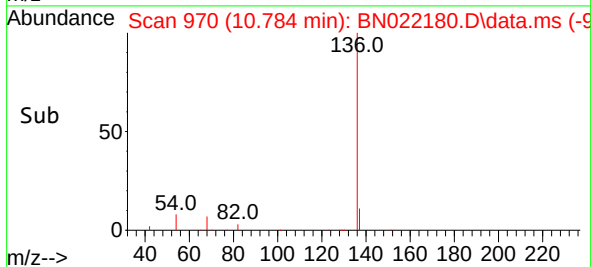
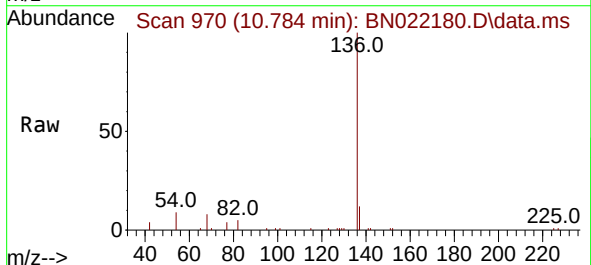
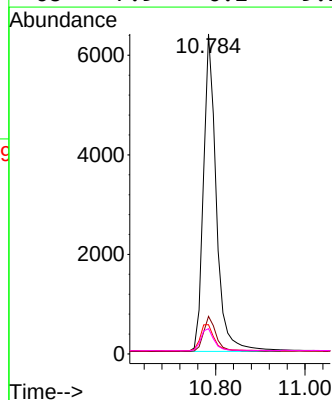
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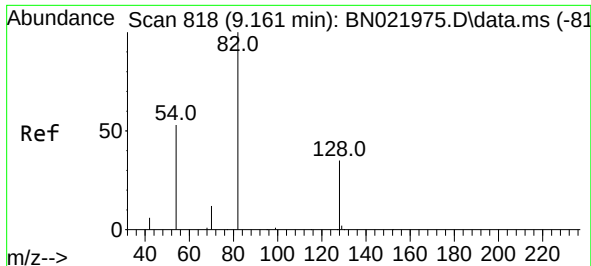
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.784 min Scan# 970
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

Tgt Ion:136 Resp: 12682
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 9.1 7.1 10.7
68 7.9 6.2 9.2





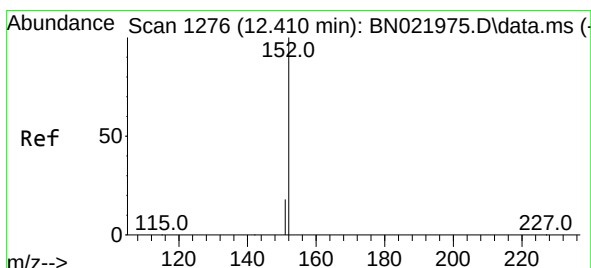
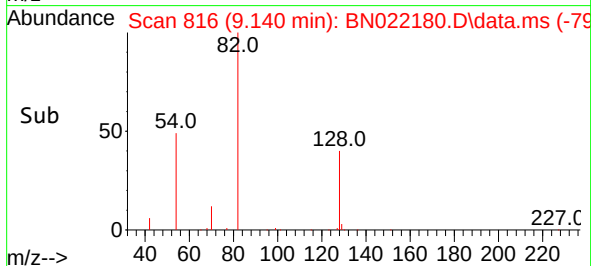
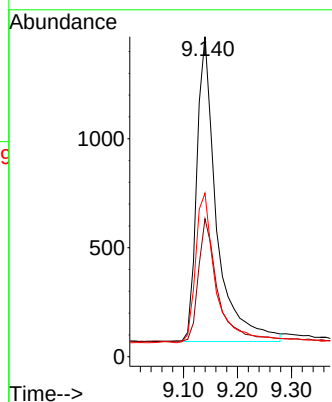
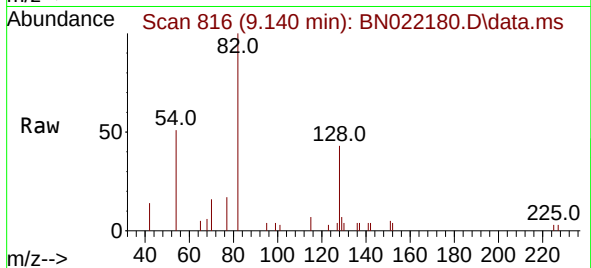
#8
Nitrobenzene-d5
Concen: 0.348 ng m
RT: 9.140 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

Instrument :
BNA_N
ClientSampleId :
PB148223BL

Tgt Ion: 82 Resp: 3550
Ion Ratio Lower Upper
82 100
128 43.1 29.9 44.9
54 51.1 43.5 65.3

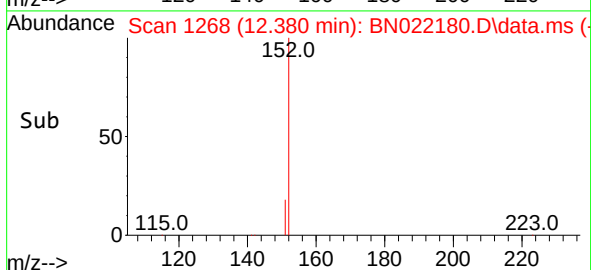
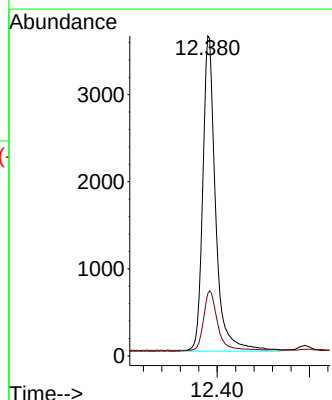
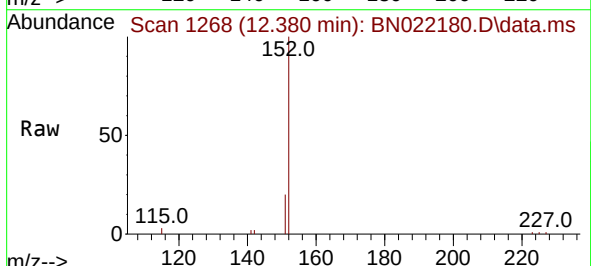
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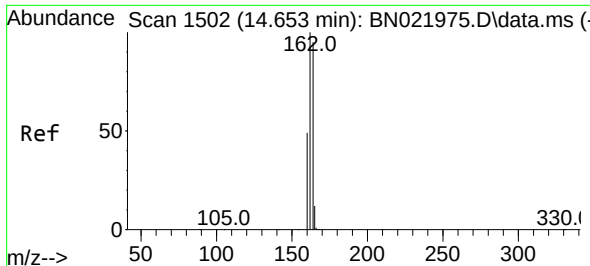
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Supervised By :mohammad ahmed 10/20/2022



#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.380 min Scan# 1268
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

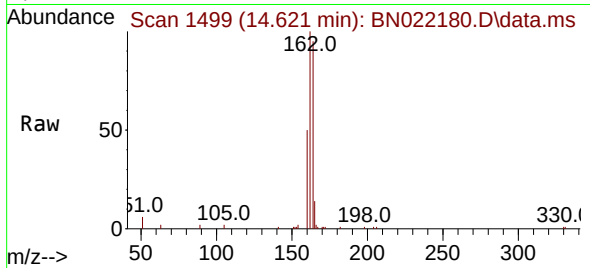
Tgt Ion:152 Resp: 7694
Ion Ratio Lower Upper
152 100
151 18.6 13.8 20.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.621 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

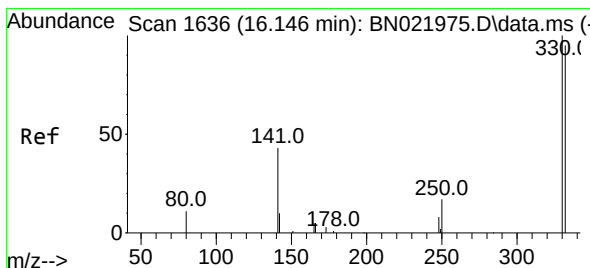
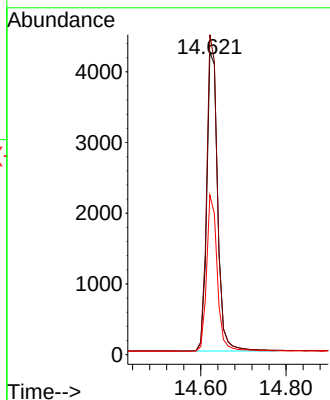
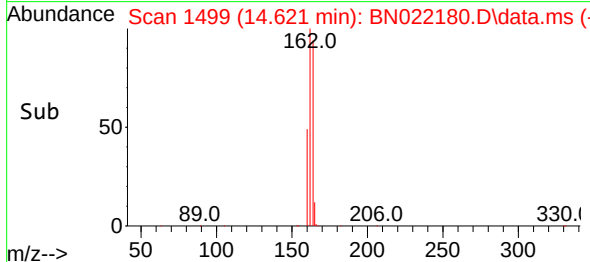
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ClientSampleId :
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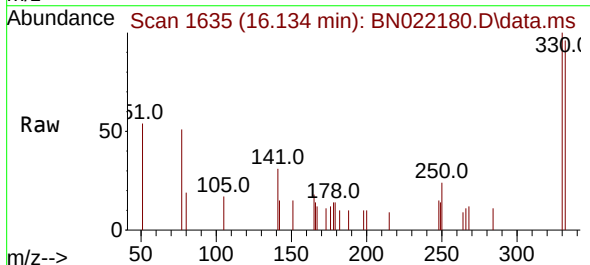
Tgt Ion:164 Resp: 7504
Ion Ratio Lower Upper
164 100
162 105.8 84.3 126.5
160 52.7 41.7 62.5

Manual Integrations
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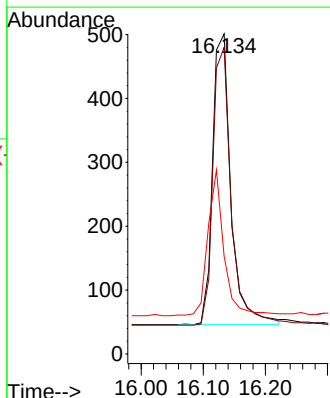
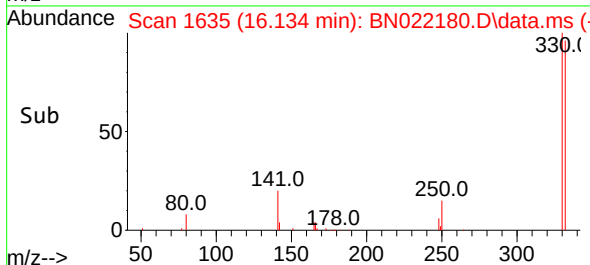
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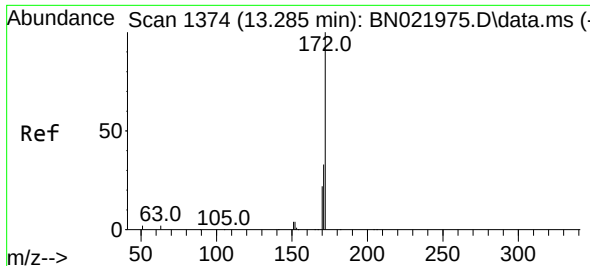


#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 16.134 min Scan# 1635
Delta R.T. 0.012 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49



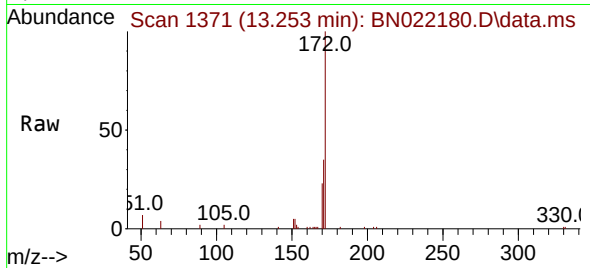
Tgt Ion:330 Resp: 932
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 44.3 35.3 52.9





#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 13.253 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

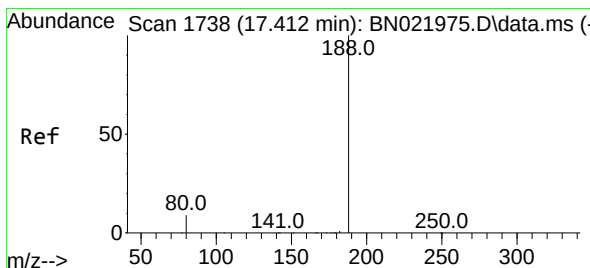
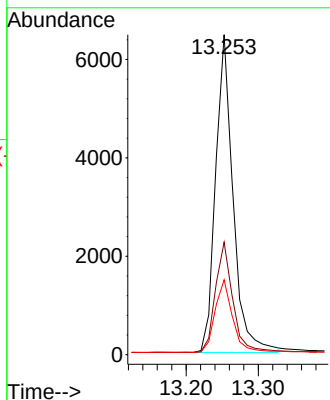
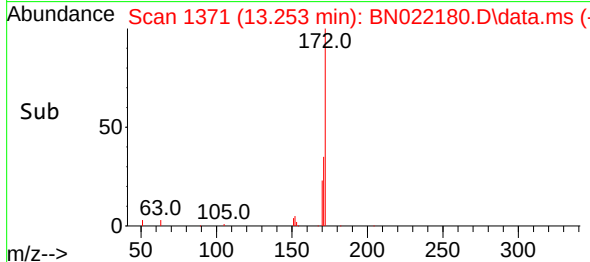
Instrument :
BNA_N
ClientSampleId :
PB148223BL



Tgt Ion:172 Resp: 1085
Ion Ratio Lower Upper
172 100
171 35.2 27.2 40.8
170 23.4 18.3 27.5

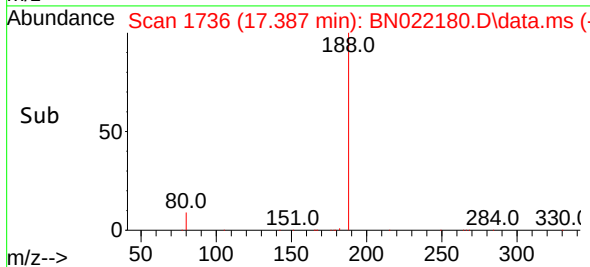
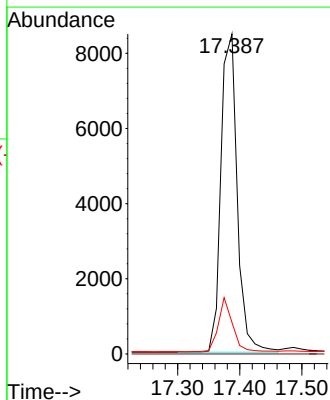
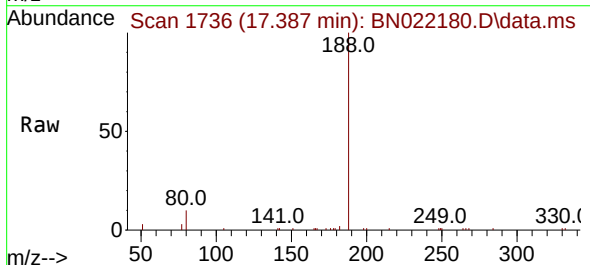
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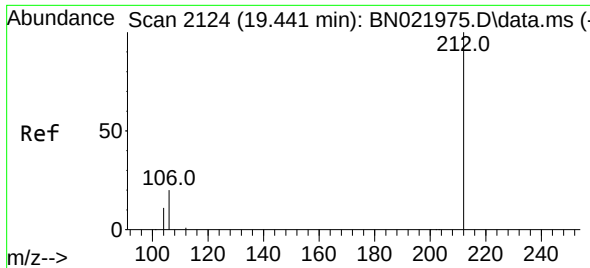
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.387 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

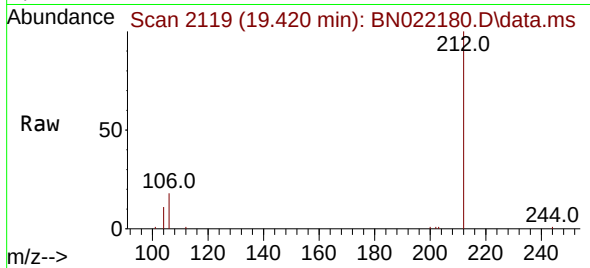
Tgt Ion:188 Resp: 15369
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.5 11.3





#27
Fluoranthene-d10
Concen: 0.316 ng
RT: 19.420 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

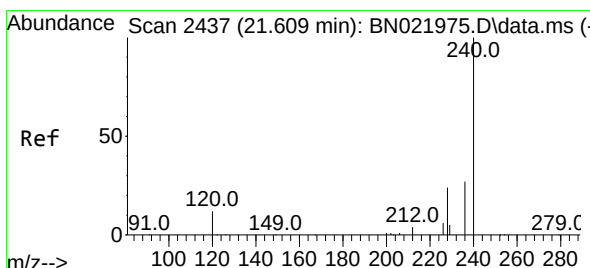
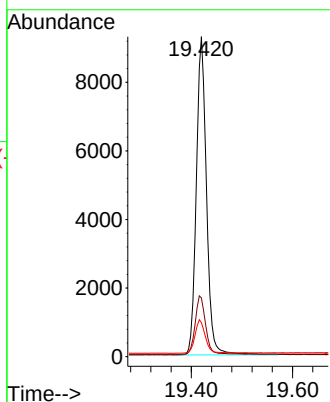
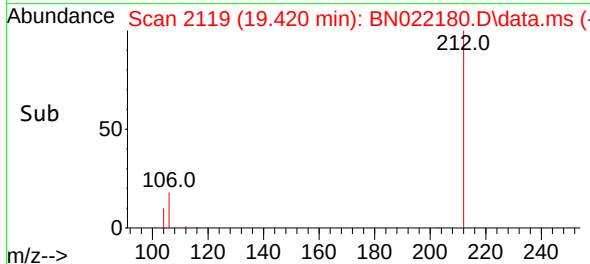
Instrument :
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Tgt Ion:212 Resp: 12930
Ion Ratio Lower Upper
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106 18.9 15.2 22.8
104 10.7 8.6 13.0

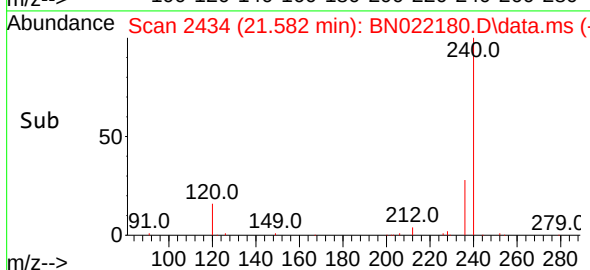
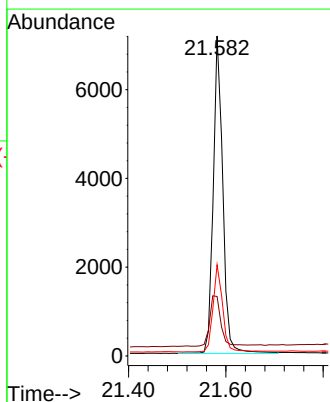
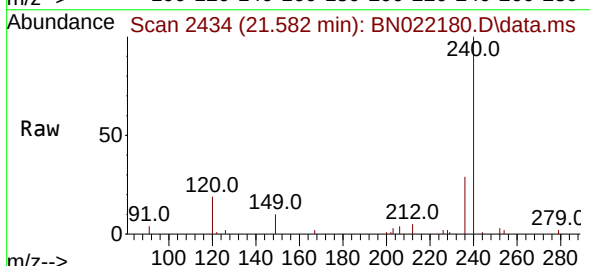
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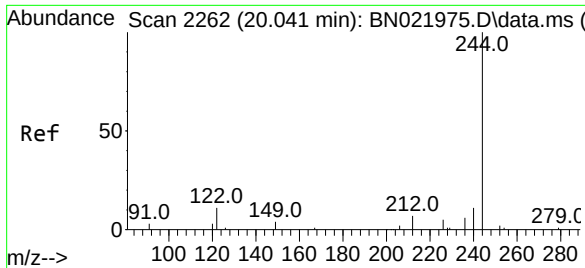
Reviewed By :Christian Giraldo 10/19/2022
Supervised By :mohammad ahmed 10/20/2022



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.582 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN022180.D
Acq: 18 Oct 2022 16:49

Tgt Ion:240 Resp: 9695
Ion Ratio Lower Upper
240 100
120 18.6 11.8 17.6#
236 28.5 22.4 33.6





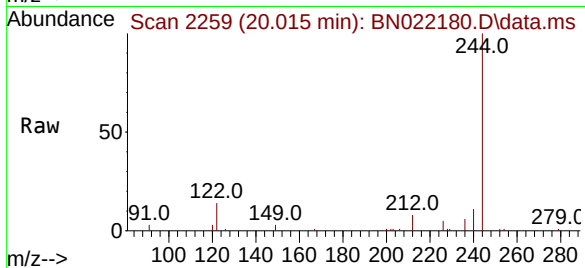
#31
 Terphenyl-d14
 Concen: 0.435 ng
 RT: 20.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN022180.D
 Acq: 18 Oct 2022 16:49

Instrument :

BNA_N

ClientSampleId :

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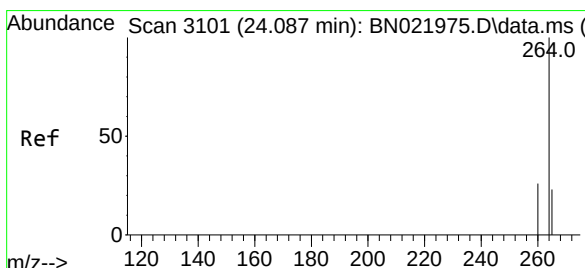
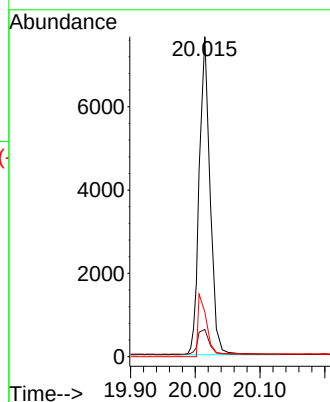
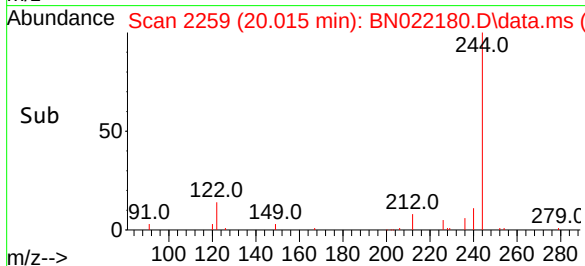


Tgt Ion:244 Resp: 847
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 14.0 9.1 13.7

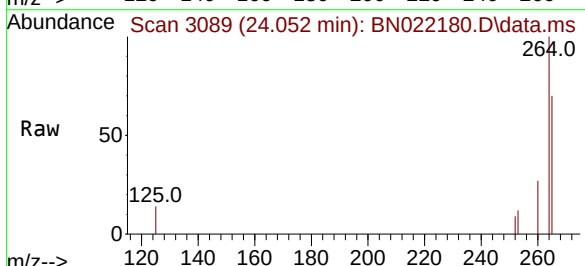
Manual Integrations

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#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.052 min Scan# 3089
 Delta R.T. 0.000 min
 Lab File: BN022180.D
 Acq: 18 Oct 2022 16:49



Tgt Ion:264 Resp: 7767
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.3 31.9
 265 70.3 63.0 94.4

