

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017937.D
 Acq On : 12 Dec 2021 13:05
 Operator : CG/JU
 Sample : M4956-20
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW201D-20211205

Quant Time: Dec 13 00:39:50 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.706	152	23408	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	94734	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	57160	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	113584	0.400	ng	0.00
29) Chrysene-d12	21.293	240	80285	0.400	ng	0.00
35) Perylene-d12	23.593	264	54441	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7744	0.160	ng	0.00
5) Phenol-d6	6.903	99	3859	0.081	ng	0.00
8) Nitrobenzene-d5	8.859	82	21663	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	58592	0.352	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3808	0.455	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	86089	0.428	ng	0.00
27) Fluoranthene-d10	19.124	212	155583	0.423	ng	0.00
31) Terphenyl-d14	19.730	244	134174	0.678	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.271	88	52933m	7.452	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.208	149	18001	0.209	ng	100

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

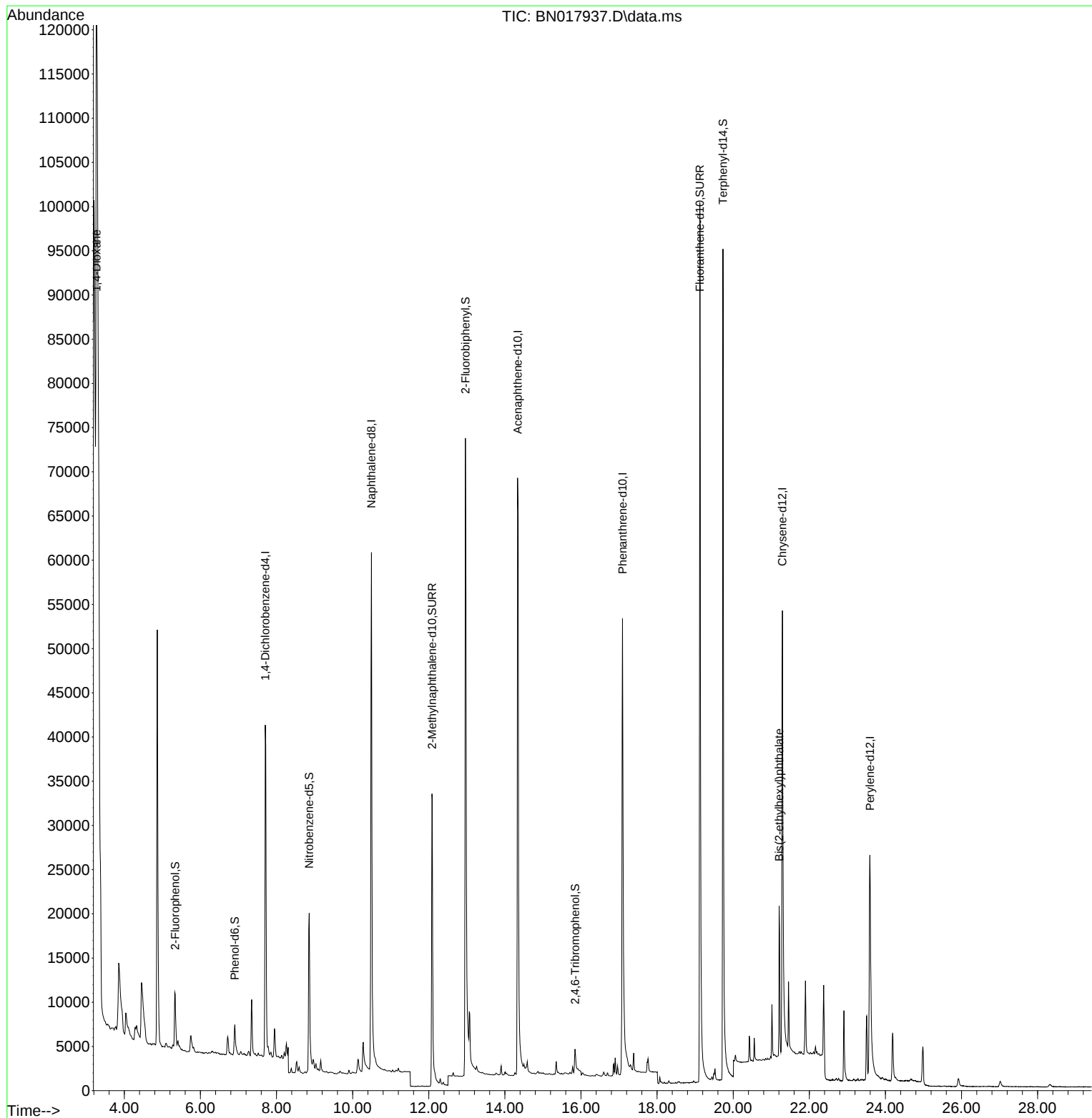
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
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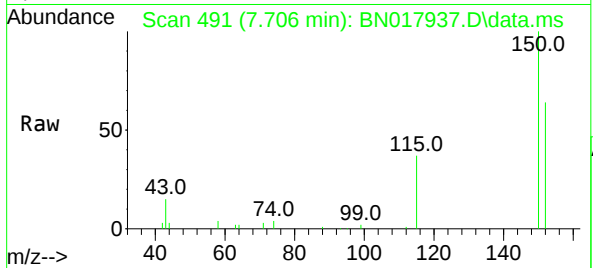
Reviewed By :Christian Giraldo 12/13/2021
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#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.706 min Scan# 492
Delta R.T. -0.009 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

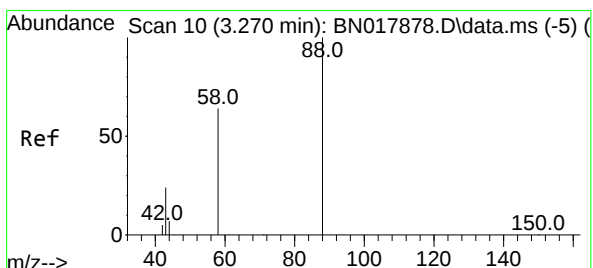
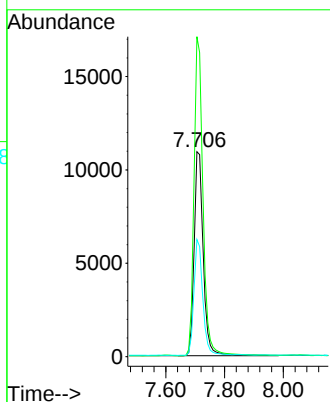
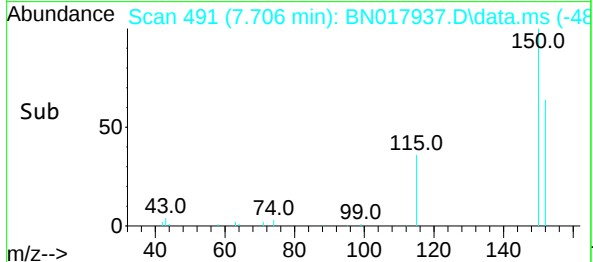
Instrument :
BNA_N
ClientSampleId :
MW201D-20211205



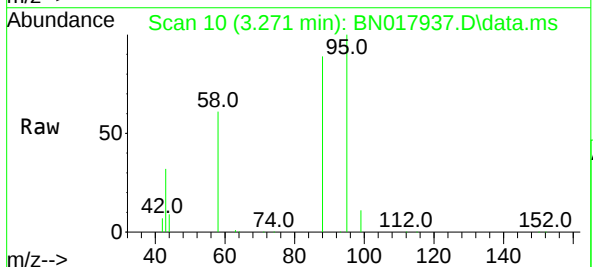
Tgt Ion:152 Resp: 23408
Ion Ratio Lower Upper
152 100
150 156.1 121.9 182.9
115 57.2 44.1 66.1

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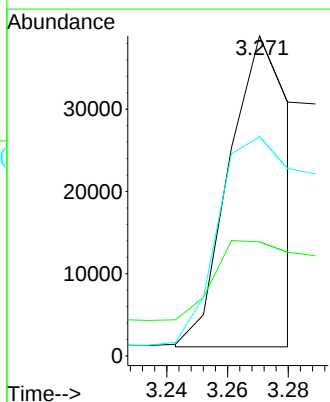
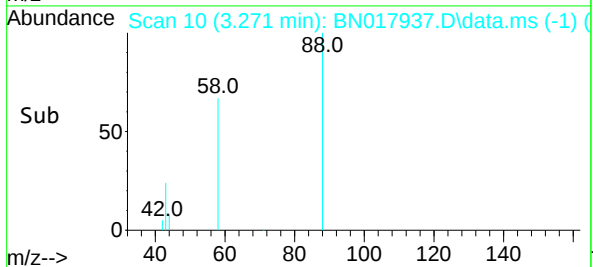
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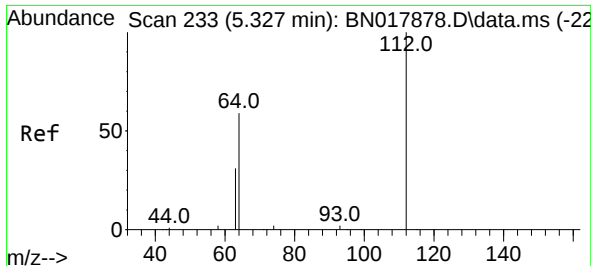


#2
1,4-Dioxane
Concen: 7.452 ng m
RT: 3.271 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05



Tgt Ion: 88 Resp: 52933
Ion Ratio Lower Upper
88 100
43 46.6 28.0 42.0#
58 119.6 65.4 98.0#





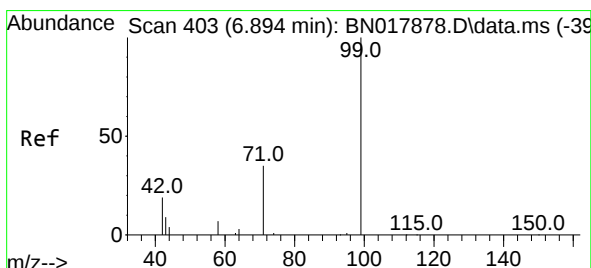
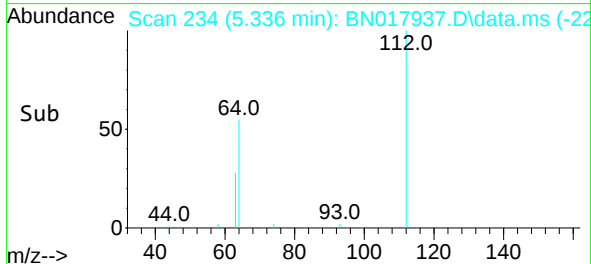
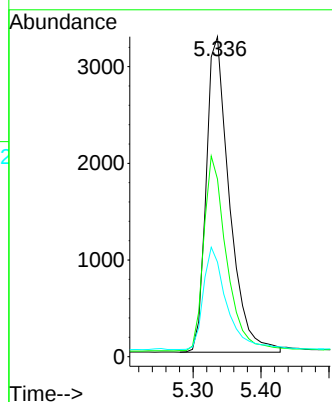
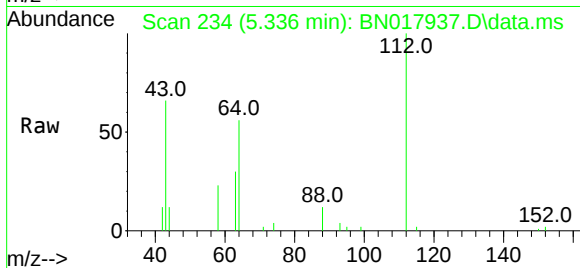
#4
2-Fluorophenol
Concen: 0.160 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Instrument :
BNA_N
ClientSampleId :
MW201D-20211205

Tgt Ion: 112 Resp: 774
Ion Ratio Lower Upper
112 100
64 60.8 49.0 73.4
63 32.6 26.2 39.2

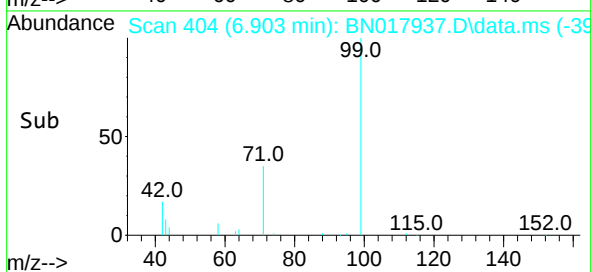
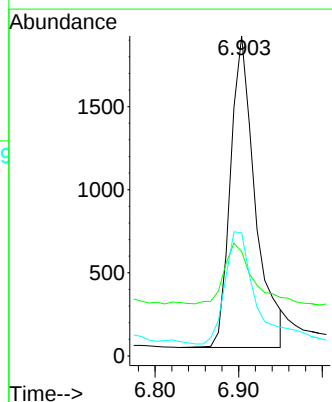
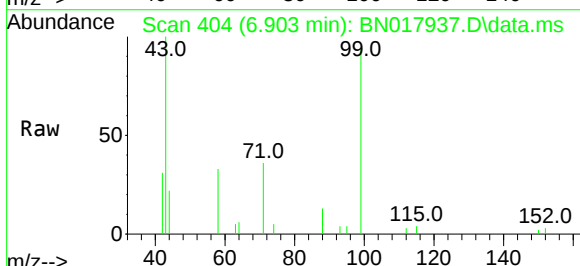
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#5
Phenol-d6
Concen: 0.081 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

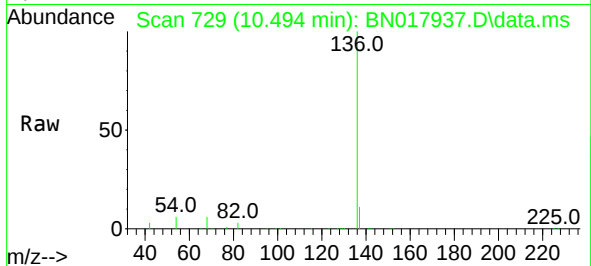
Tgt Ion: 99 Resp: 3859
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.4
71 41.9 28.0 42.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

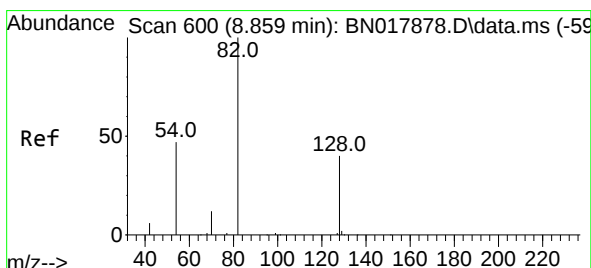
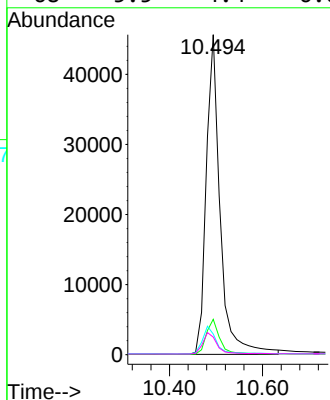
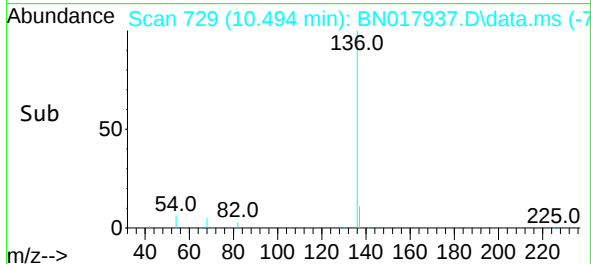
Instrument :
BNA_N
ClientSampleId :
MW201D-20211205



Tgt Ion:136	Resp:	94734
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	6.5	5.1 7.7
68	5.5	4.4 6.6

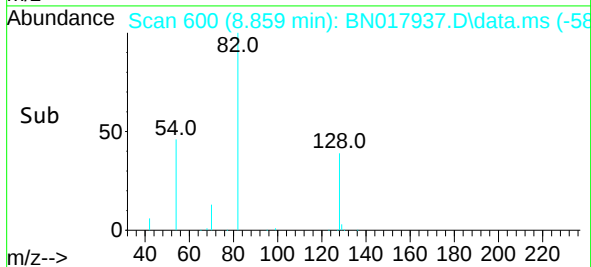
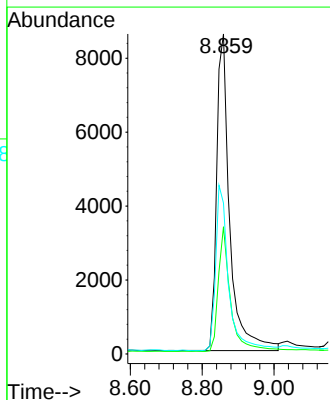
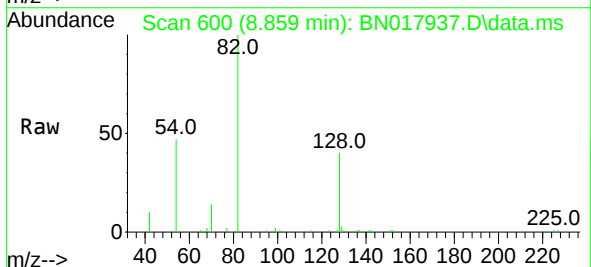
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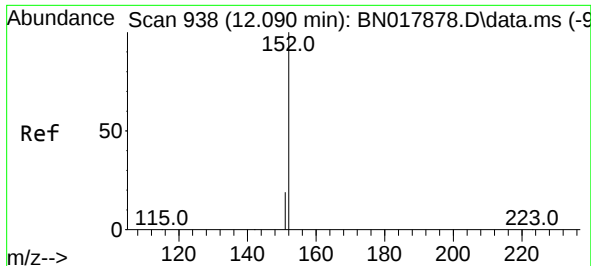
Reviewed By :Christian Giraldo 12/13/2021
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#8
Nitrobenzene-d5
Concen: 0.350 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

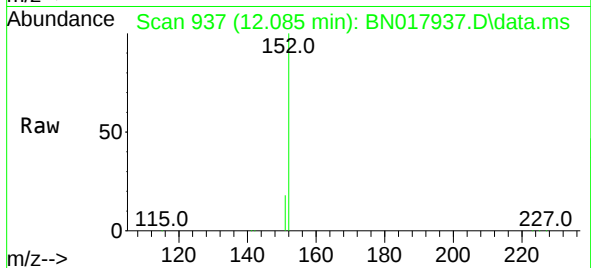
Tgt Ion: 82	Resp:	21663
Ion Ratio	Lower	Upper
82	100	
128	39.7	32.2 48.4
54	47.1	37.6 56.4





#11
2-Methylnaphthalene-d10
Concen: 0.352 ng
RT: 12.085 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

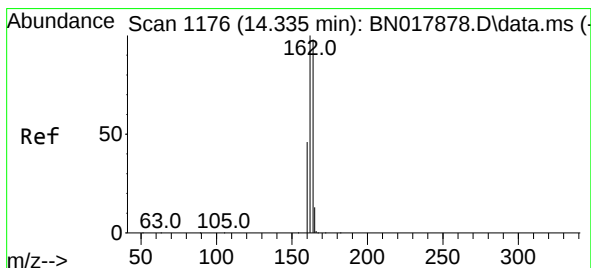
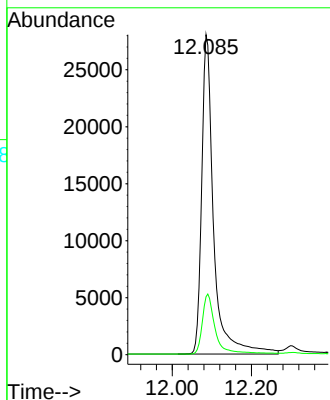
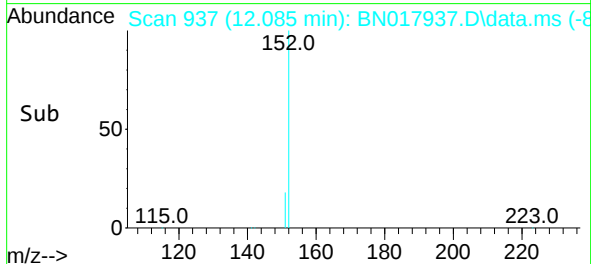
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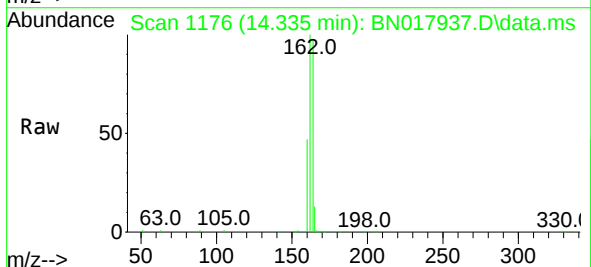
Tgt Ion:152 Resp: 58592
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6

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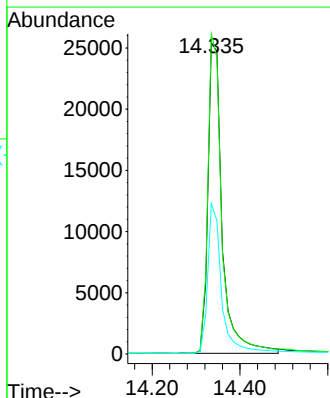
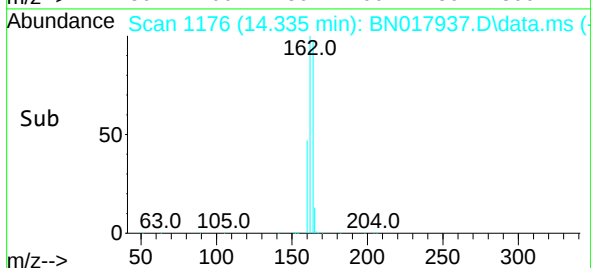
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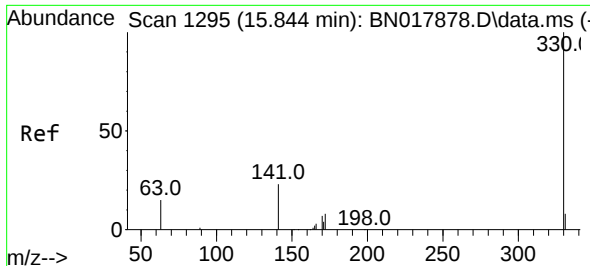


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05



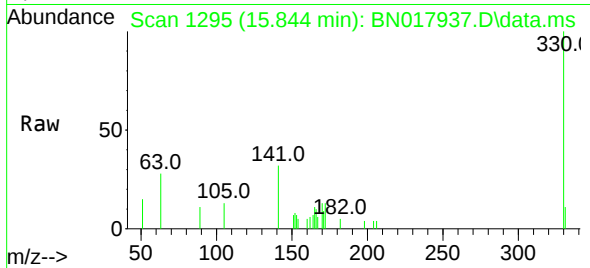
Tgt Ion:164 Resp: 57160
Ion Ratio Lower Upper
164 100
162 102.7 82.1 123.1
160 48.3 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.455 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

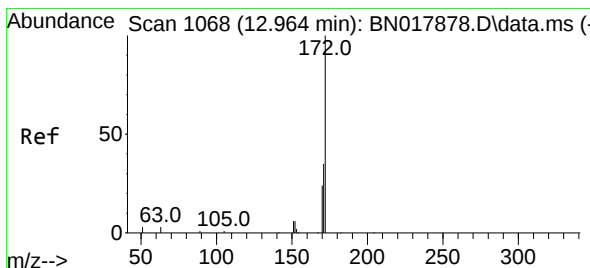
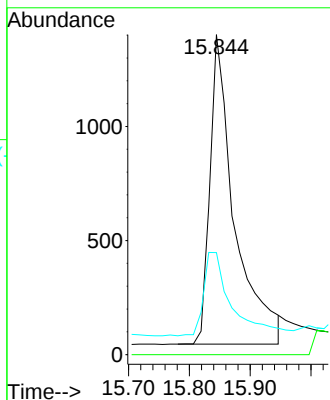
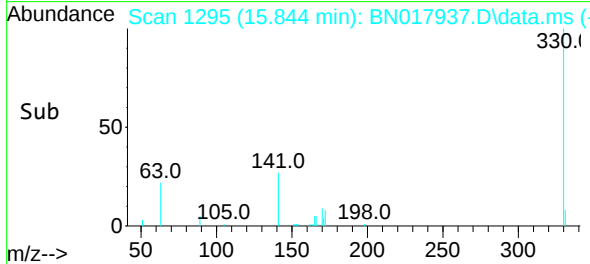
Instrument :
BNA_N
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MW201D-20211205



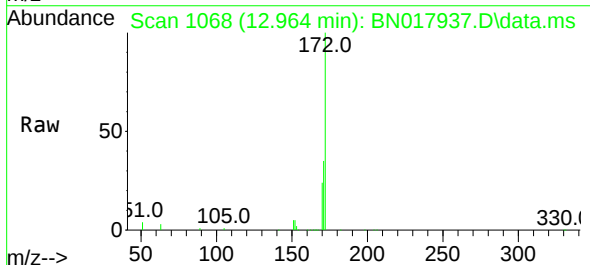
Tgt Ion:330 Resp: 3808
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.8 19.7 29.5

Manual Integrations
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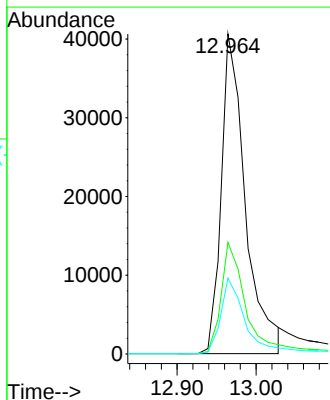
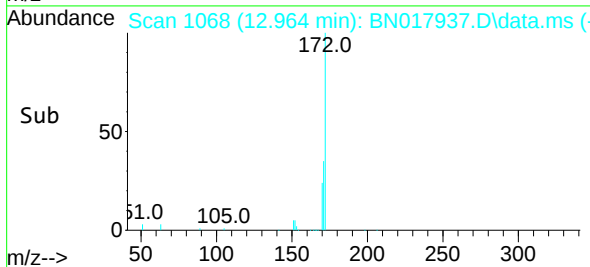
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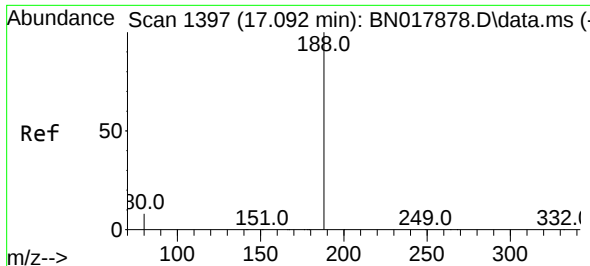


#15
2-Fluorobiphenyl
Concen: 0.428 ng
RT: 12.964 min Scan# 1068
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05



Tgt Ion:172 Resp: 86089
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.7 19.1 28.7





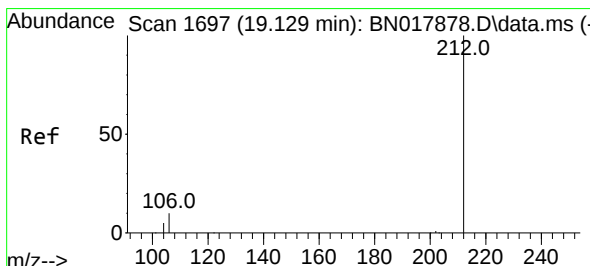
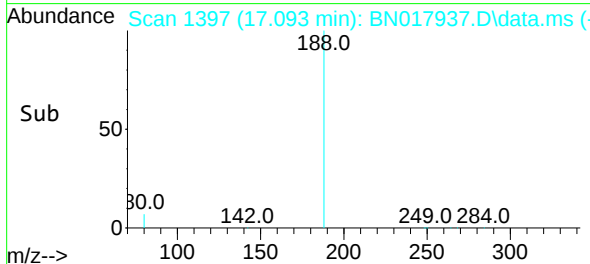
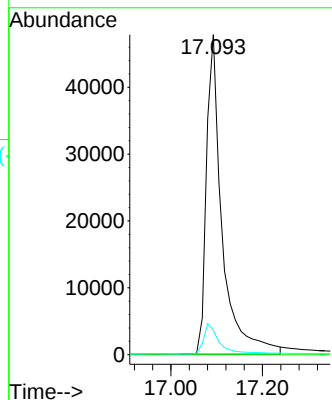
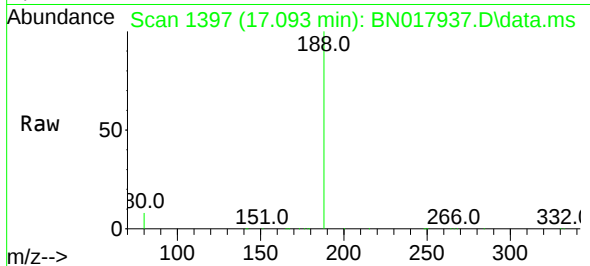
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Instrument :
BNA_N
ClientSampleId :
MW201D-20211205

Tgt Ion:188 Resp: 113584
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 6.2 9.2

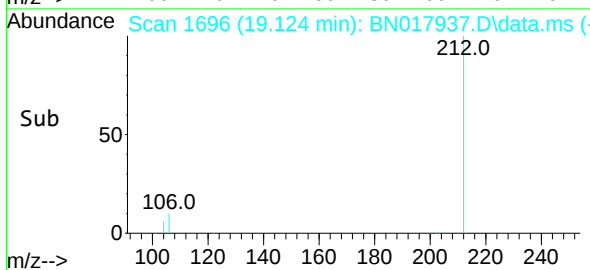
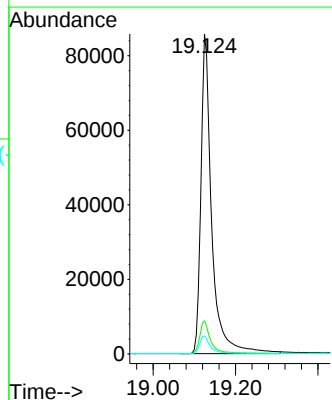
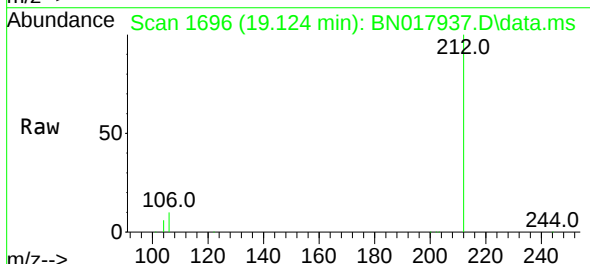
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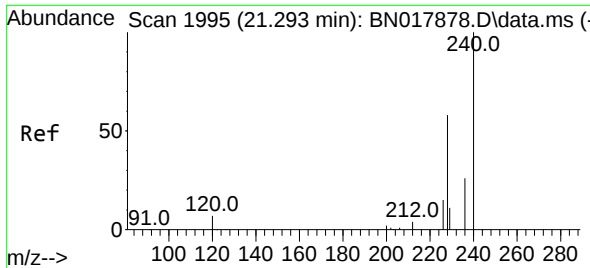
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#27
Fluoranthene-d10
Concen: 0.423 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

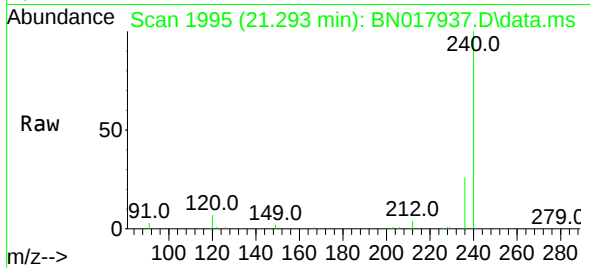
Tgt Ion:212 Resp: 155583
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.6 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

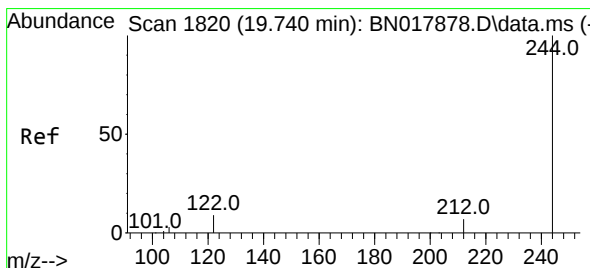
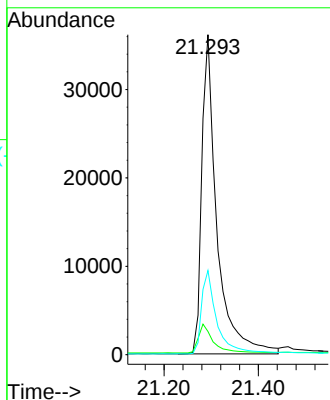
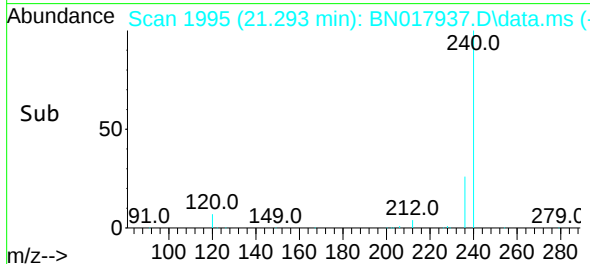
Instrument :
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Tgt Ion:240 Resp: 80285
Ion Ratio Lower Upper
240 100
120 7.2 5.8 8.8
236 26.3 21.0 31.6

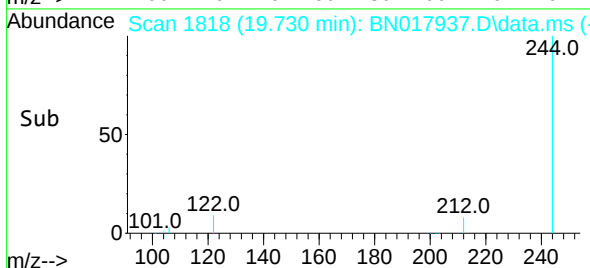
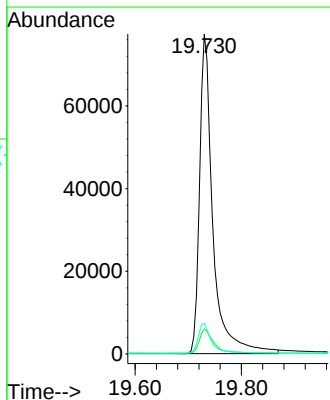
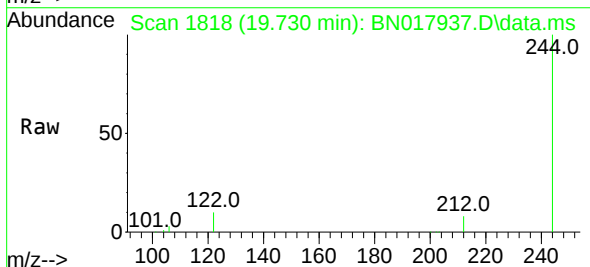
Manual Integrations
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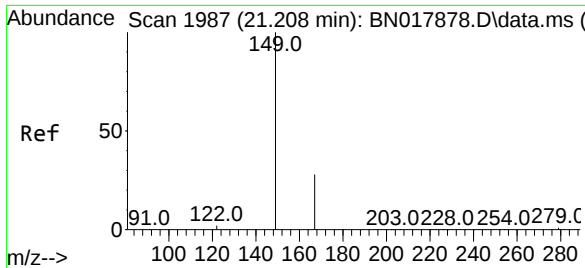
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#31
Terphenyl-d14
Concen: 0.678 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Tgt Ion:244 Resp: 134174
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 9.6 7.5 11.3





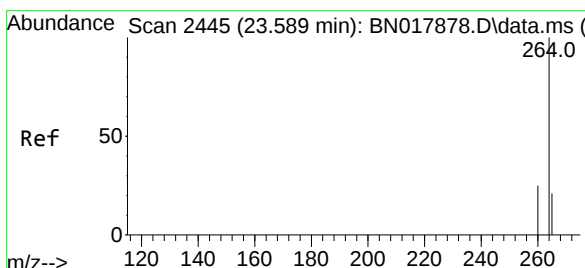
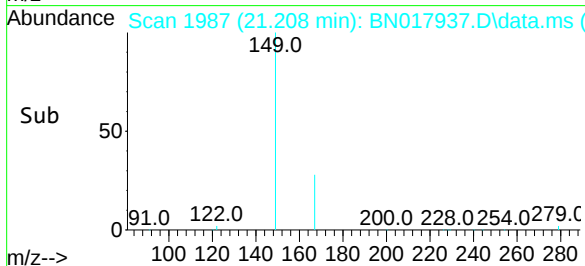
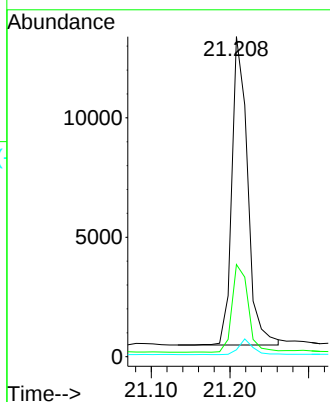
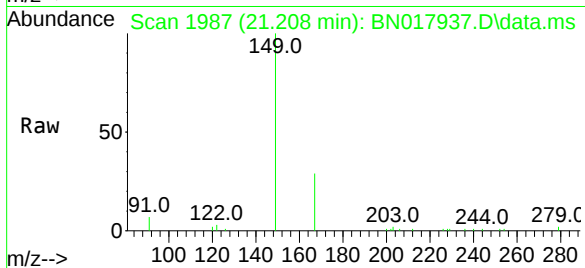
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.209 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Instrument :
BNA_N
ClientSampleId :
MW201D-20211205

Tgt Ion:149 Resp: 1800
Ion Ratio Lower Upper
149 100
167 29.2 23.4 35.0
279 4.7 3.6 5.4

Manual Integrations
APPROVED

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



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.593 min Scan# 2446
Delta R.T. 0.004 min
Lab File: BN017937.D
Acq: 12 Dec 2021 13:05

Tgt Ion:264 Resp: 54441
Ion Ratio Lower Upper
264 100
260 25.4 20.2 30.4
265 22.7 18.2 27.4

