

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017900.D
 Acq On : 11 Dec 2021 11:07
 Operator : CG/JU
 Sample : M4956-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20211205

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/15/2021
 Supervised By : Yogesh Patel 12/16/2021

Quant Time: Dec 11 21:29:46 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	7.715	152	23029	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	90452	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	61992	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	129670	0.400	ng	0.00
29) Chrysene-d12	21.293	240	96697	0.400	ng	0.00
35) Perylene-d12	23.589	264	70736	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6771	0.143	ng	0.00
5) Phenol-d6	6.903	99	3801	0.081	ng	0.00
8) Nitrobenzene-d5	8.859	82	18063	0.306	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	48970	0.308	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4897	0.477	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	75201	0.345	ng	0.00
27) Fluoranthene-d10	19.124	212	185491	0.441	ng	0.00
31) Terphenyl-d14	19.730	244	146280	0.614	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	3462m	0.495	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.208	149	25178	0.243	ng	98

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

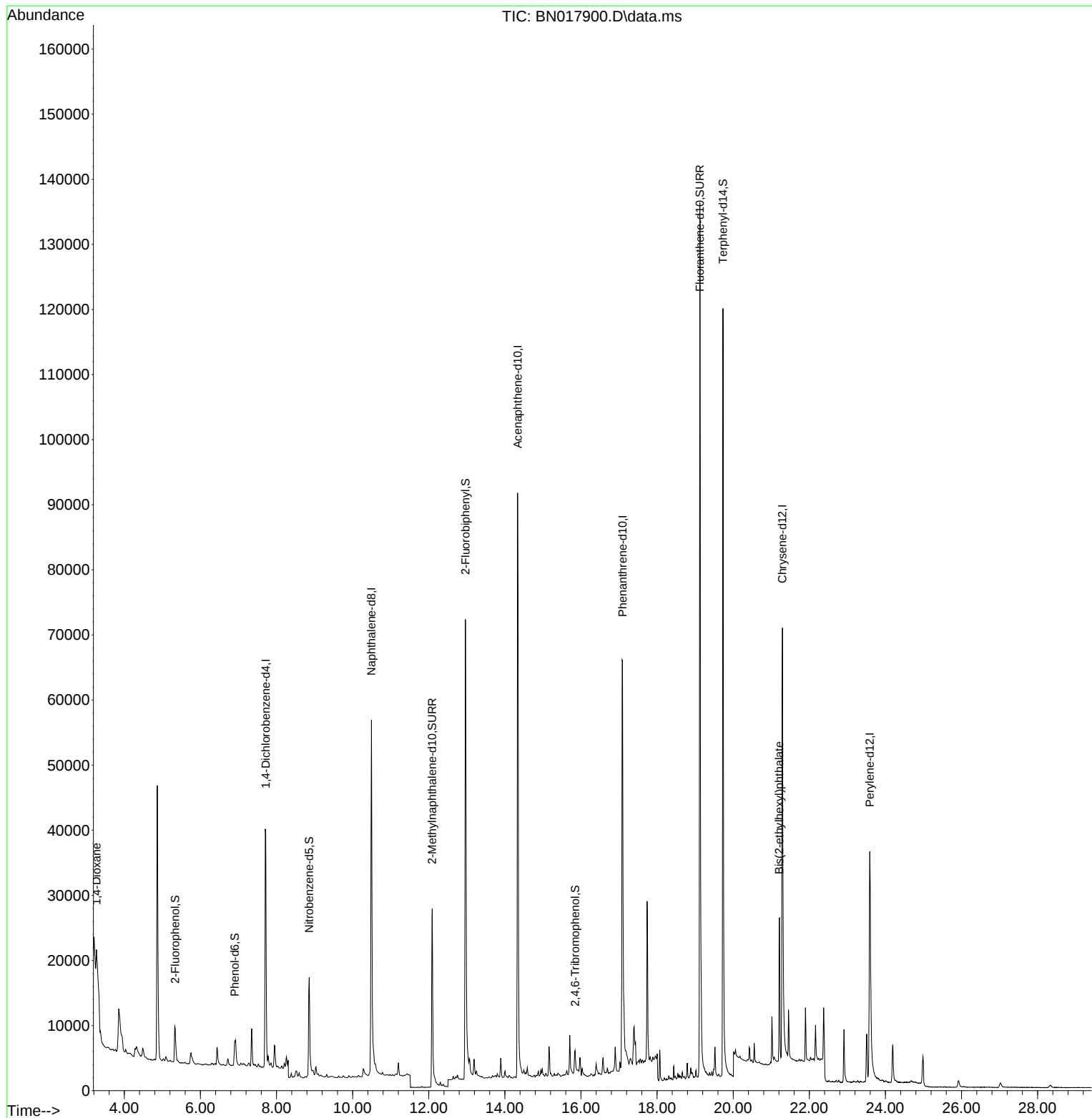
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017900.D
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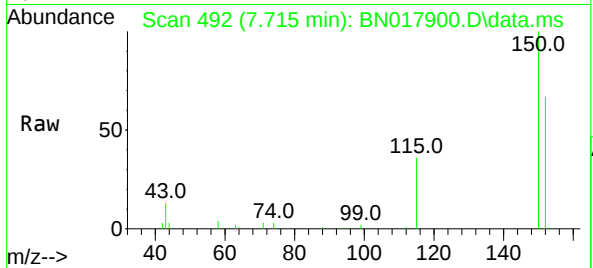
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.715 min Scan# 492
 Delta R.T. -0.000 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07

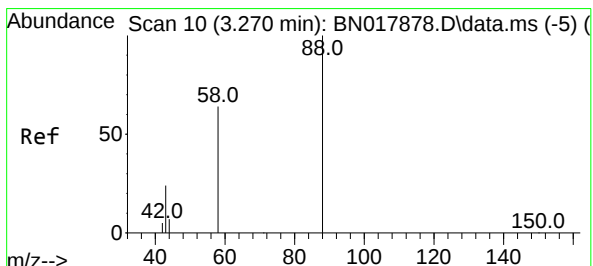
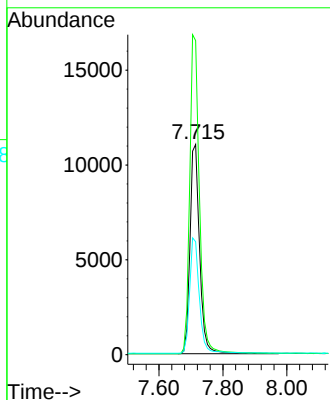
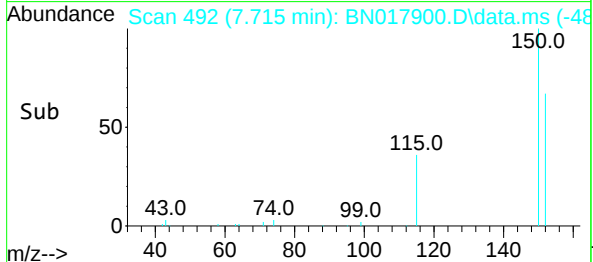
Instrument :
 BNA_N
 ClientSampleId :
 MW203D-20211205



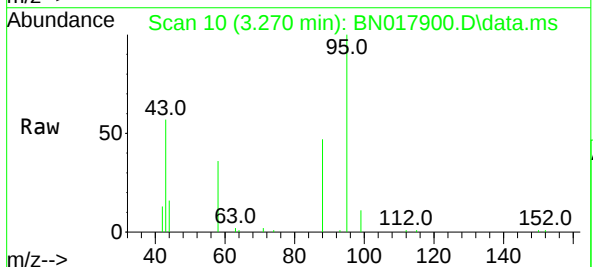
Tgt Ion: 152 Resp: 23029
 Ion Ratio Lower Upper
 152 100
 150 149.4 121.9 182.9
 115 53.7 44.1 66.1

Manual Integrations
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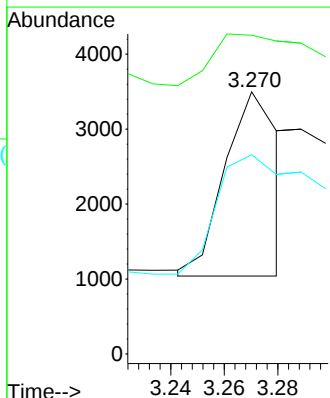
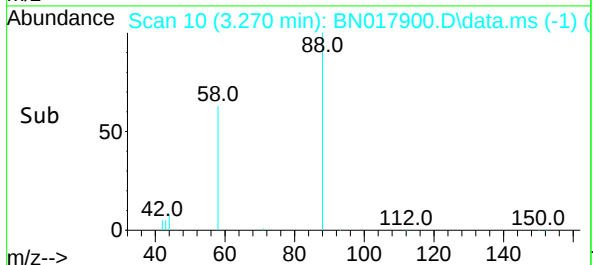
Reviewed By :Christian Giraldo 12/15/2021
 Supervised By :Yogesh Patel 12/16/2021

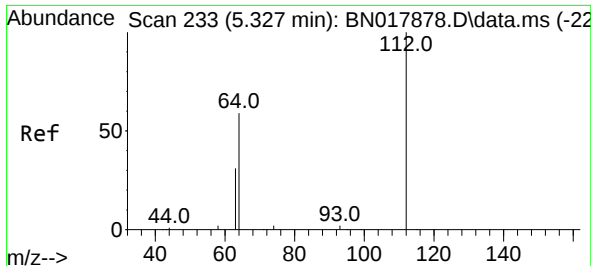


#2
 1,4-Dioxane
 Concen: 0.495 ng m
 RT: 3.270 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BN017900.D
 Acq: 11 Dec 2021 11:07



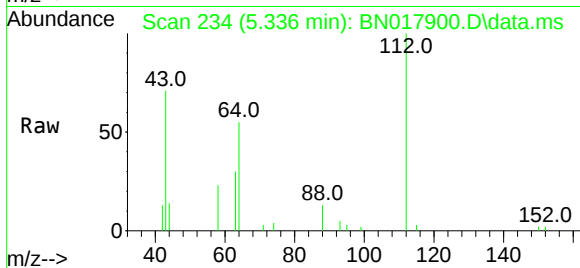
Tgt Ion: 88 Resp: 3462
 Ion Ratio Lower Upper
 88 100
 43 49.7 28.0 42.0#
 58 114.7 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

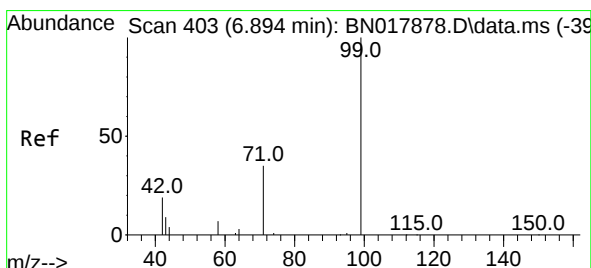
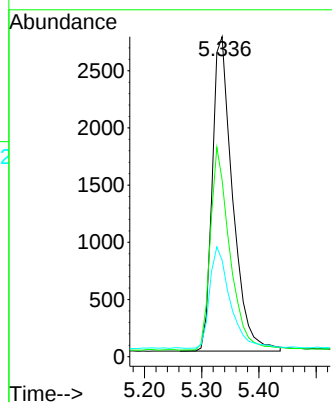
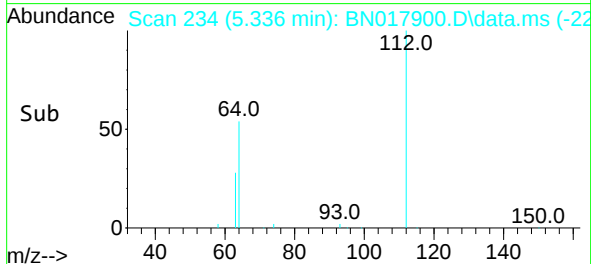
Instrument :
BNA_N
ClientSampleId :
MW203D-20211205



Tgt Ion: 112 Resp: 677
Ion Ratio Lower Upper
112 100
64 61.7 49.0 73.4
63 32.4 26.2 39.2

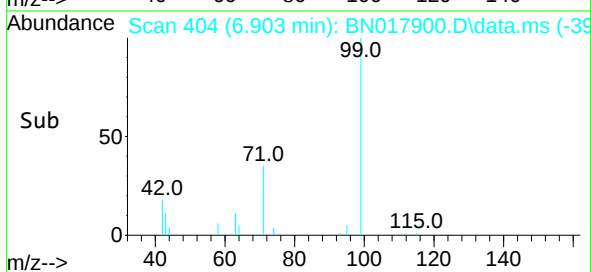
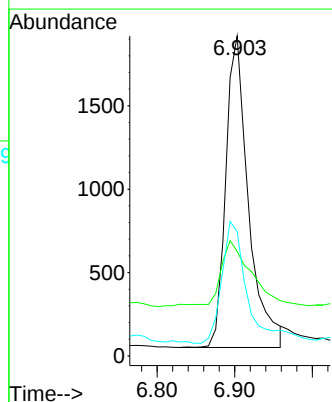
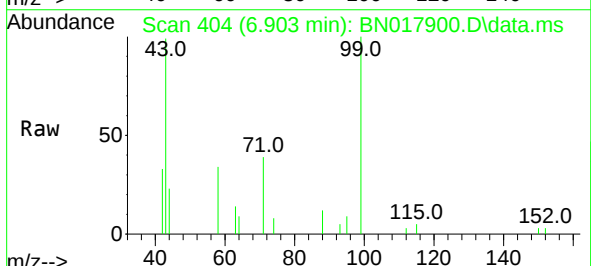
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Supervised By :Yogesh Patel 12/16/2021



#5
Phenol-d6
Concen: 0.081 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

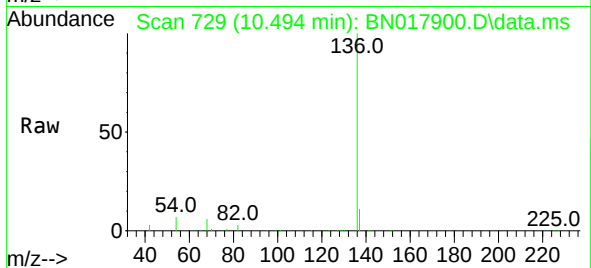
Tgt Ion: 99 Resp: 3801
Ion Ratio Lower Upper
99 100
42 26.9 17.0 25.4#
71 41.1 28.0 42.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

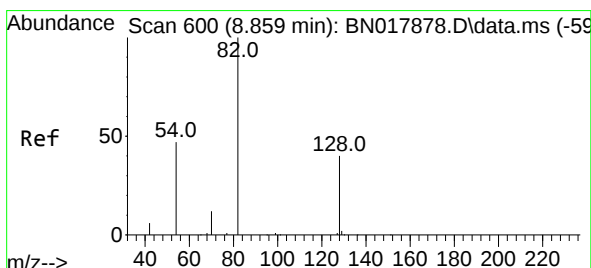
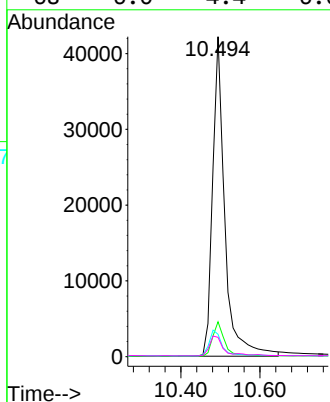
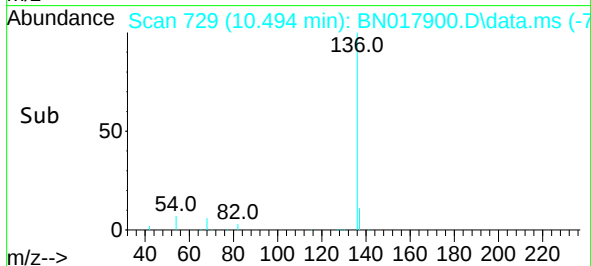
Instrument :
BNA_N
ClientSampleId :
MW203D-20211205



Tgt Ion:	136	Resp:	9045
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.8	13.2
54	7.0	5.1	7.7
68	6.0	4.4	6.6

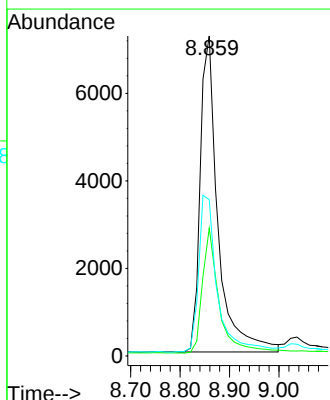
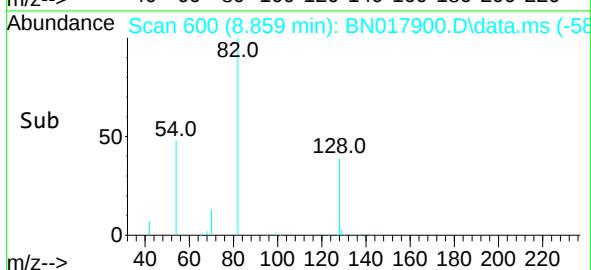
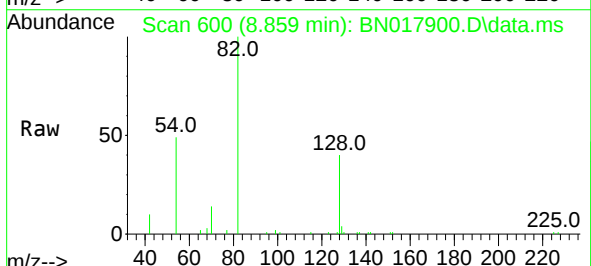
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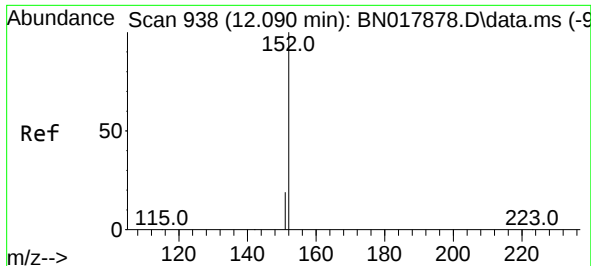
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021



#8
Nitrobenzene-d5
Concen: 0.306 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

Tgt Ion:	82	Resp:	18063
Ion Ratio	Lower	Upper	
82	100		
128	40.0	32.2	48.4
54	48.9	37.6	56.4





#11

2-Methylnaphthalene-d10

Concen: 0.308 ng

RT: 12.089 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017900.D

Acq: 11 Dec 2021 11:07

Instrument :

BNA_N

ClientSampleId :

MW203D-20211205

Tgt Ion:152 Resp: 48970

Ion Ratio Lower Upper

152 100

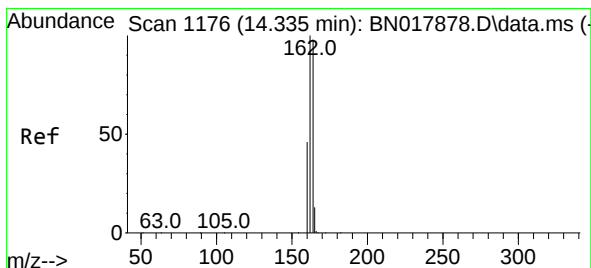
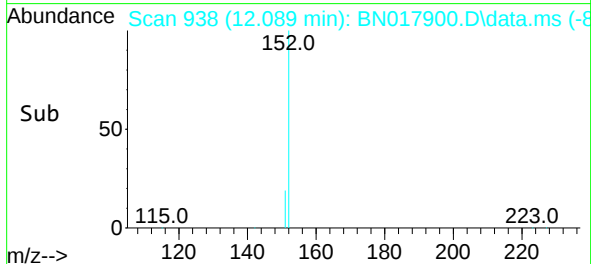
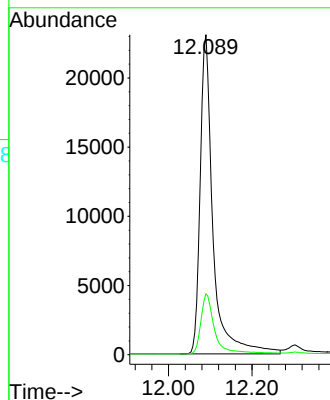
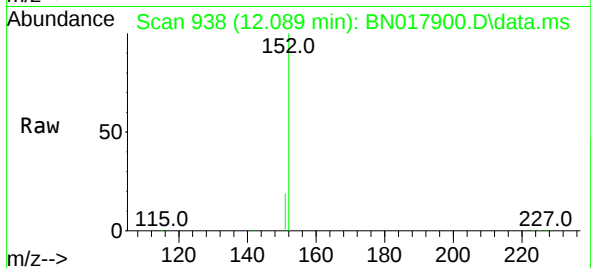
151 20.4 16.4 24.6

Manual Integrations

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#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.334 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BN017900.D

Acq: 11 Dec 2021 11:07

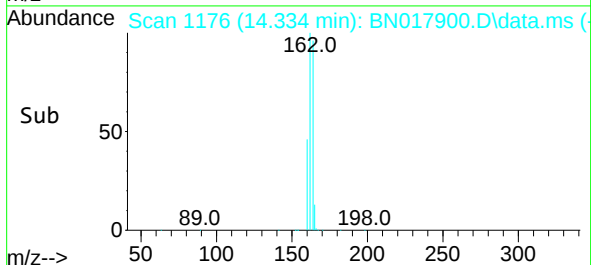
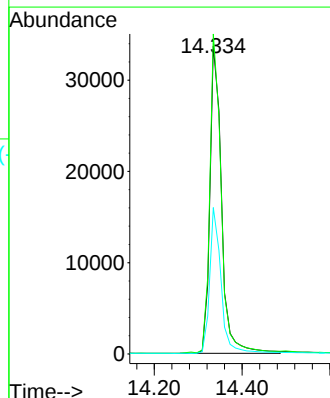
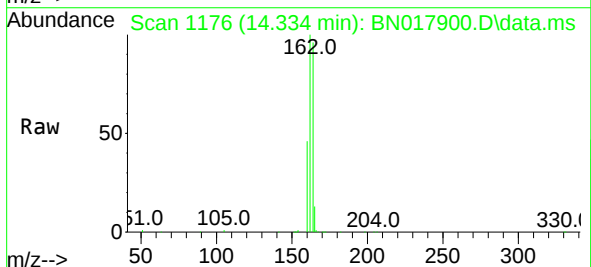
Tgt Ion:164 Resp: 61992

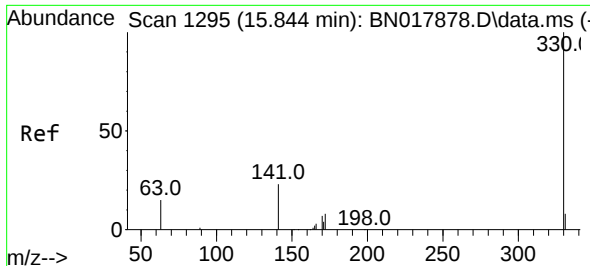
Ion Ratio Lower Upper

164 100

162 104.0 82.1 123.1

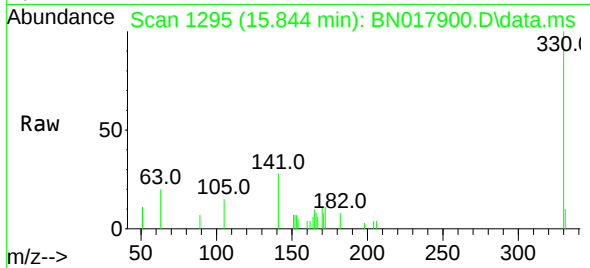
160 47.6 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.477 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

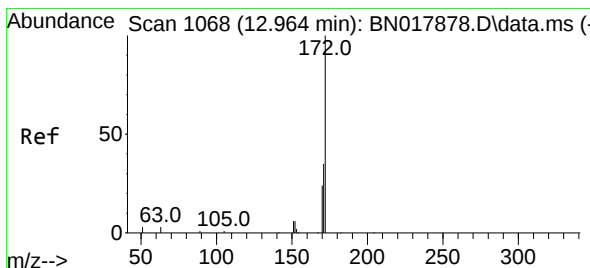
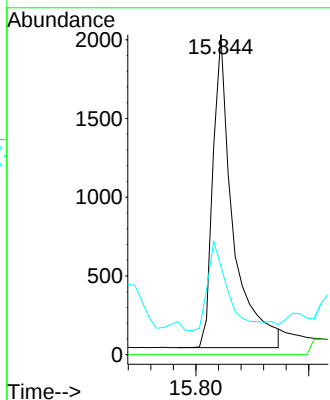
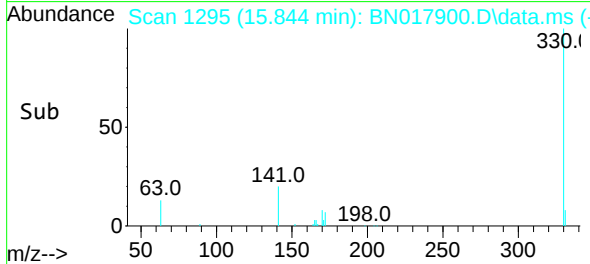
Instrument :
BNA_N
ClientSampleId :
MW203D-20211205



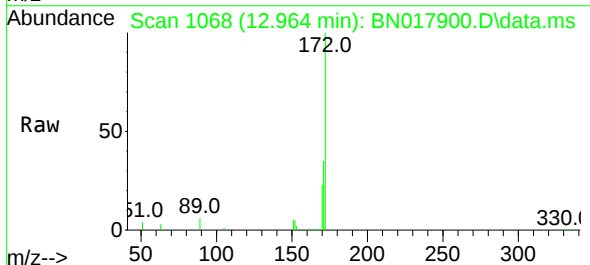
Tgt Ion:330 Resp: 489
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 30.6 19.7 29.5

Manual Integrations
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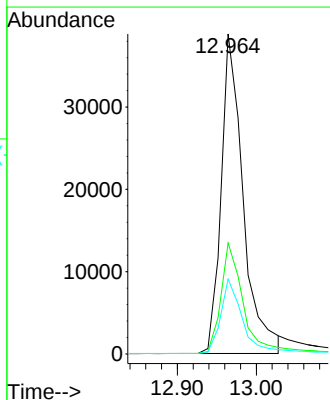
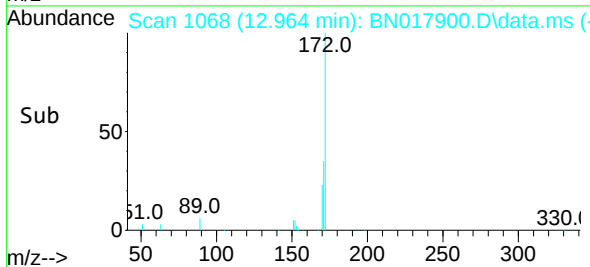
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021

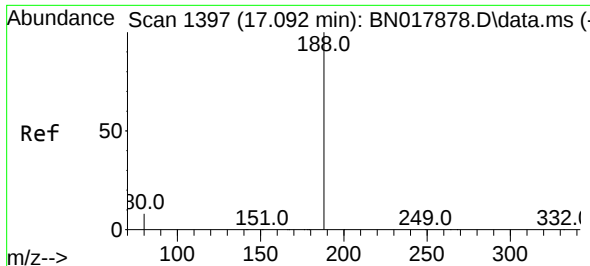


#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07



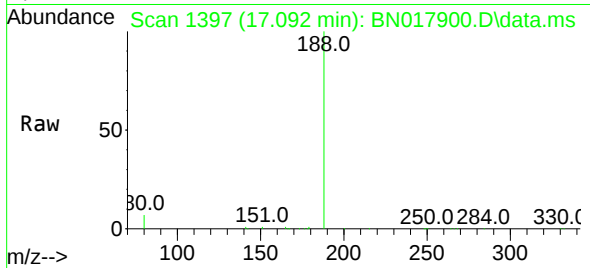
Tgt Ion:172 Resp: 75201
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.4 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

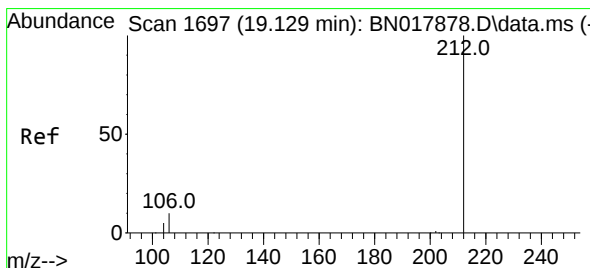
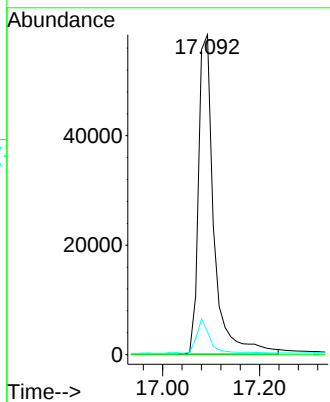
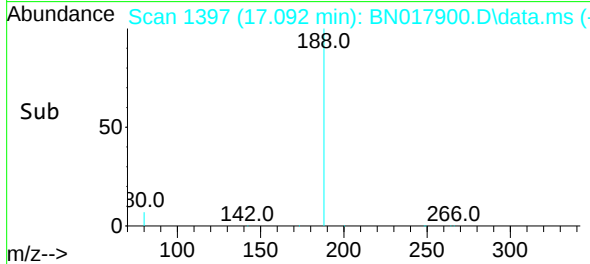
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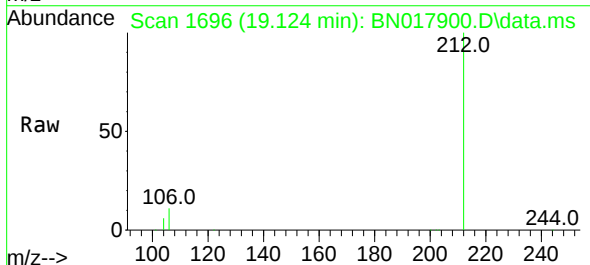
Tgt Ion:188 Resp: 129670
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.2 6.2 9.2

Manual Integrations
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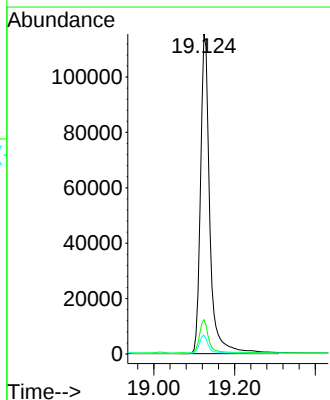
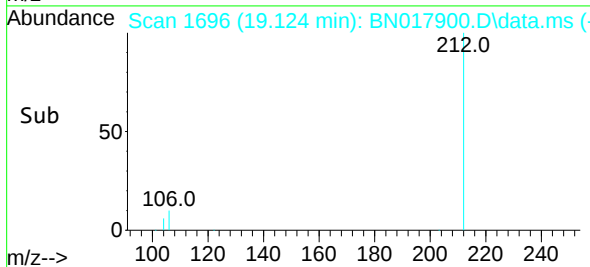
Reviewed By :Christian Giraldo 12/15/2021
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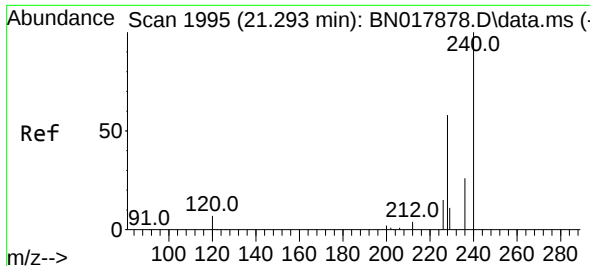


#27
Fluoranthene-d10
Concen: 0.441 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07



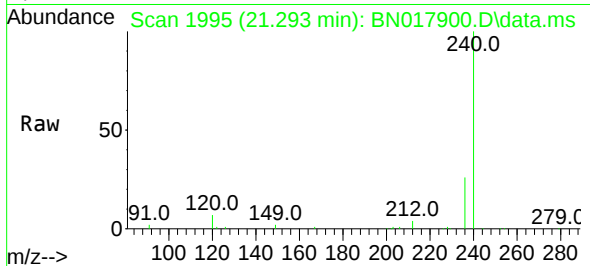
Tgt Ion:212 Resp: 185491
Ion Ratio Lower Upper
212 100
106 10.0 8.3 12.5
104 5.7 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

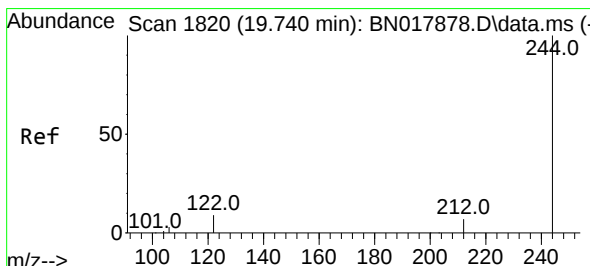
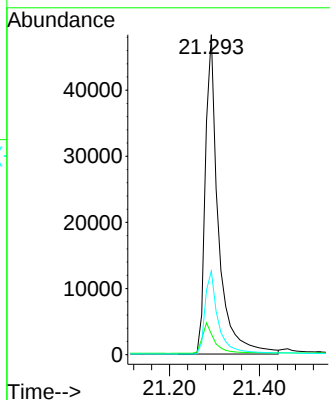
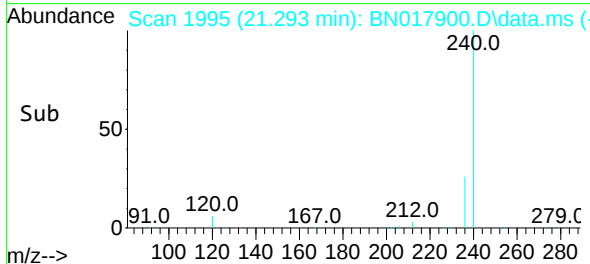
Instrument :
BNA_N
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MW203D-20211205



Tgt Ion:240 Resp: 96697
Ion Ratio Lower Upper
240 100
120 6.5 5.8 8.8
236 26.1 21.0 31.6

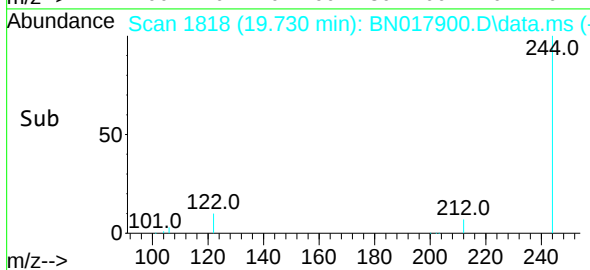
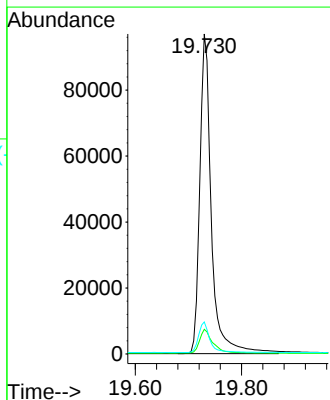
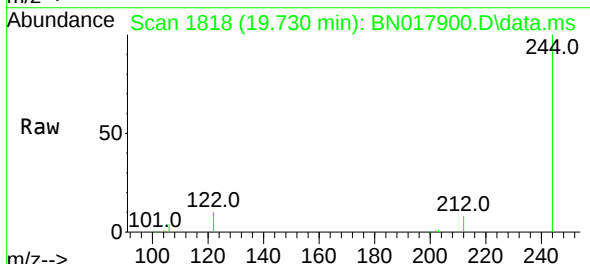
Manual Integrations
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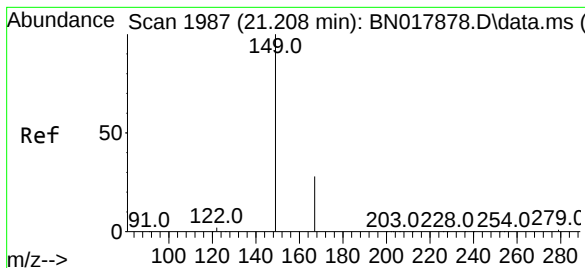
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021



#31
Terphenyl-d14
Concen: 0.614 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

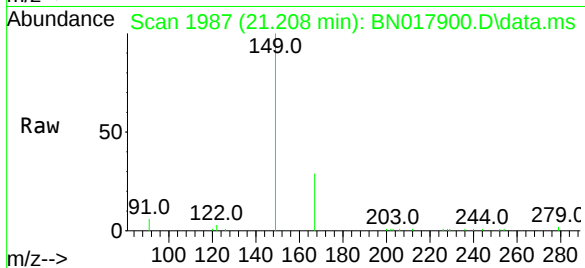
Tgt Ion:244 Resp: 146280
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.0 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.243 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07

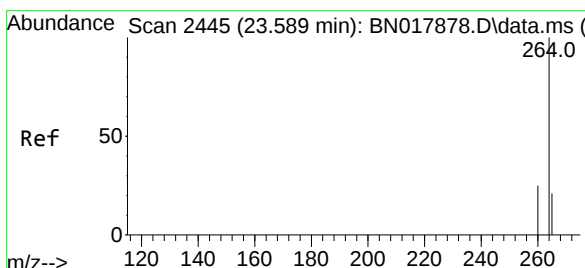
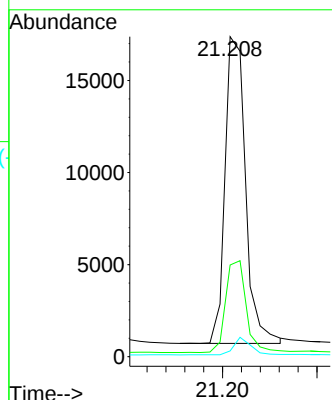
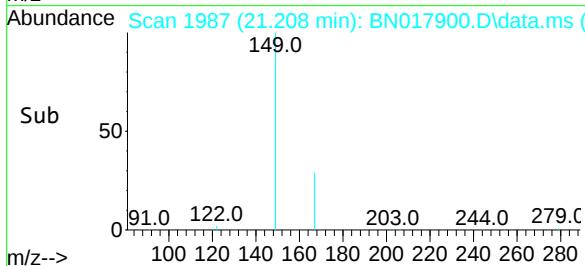
Instrument :
BNA_N
ClientSampleId :
MW203D-20211205



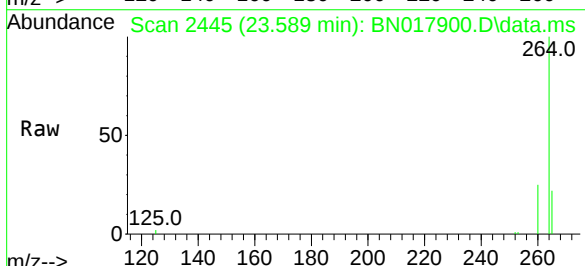
Tgt Ion:149 Resp: 25178
Ion Ratio Lower Upper
149 100
167 30.0 23.4 35.0
279 4.9 3.6 5.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN017900.D
Acq: 11 Dec 2021 11:07



Tgt Ion:264 Resp: 70736
Ion Ratio Lower Upper
264 100
260 24.9 20.2 30.4
265 22.2 18.2 27.4

