

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017898.D
 Acq On : 11 Dec 2021 09:54
 Operator : CG/JU
 Sample : M4956-17
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW203D1-20211205

Quant Time: Dec 11 21:29:30 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 12/15/2021
 Supervised By :Yogesh Patel 12/16/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	25456	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	98104	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	67208	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	137253	0.400	ng	0.00
29) Chrysene-d12	21.293	240	94414	0.400	ng	0.00
35) Perylene-d12	23.596	264	65141	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6180	0.118	ng	0.00
5) Phenol-d6	6.903	99	3560	0.068	ng	0.00
8) Nitrobenzene-d5	8.859	82	17667	0.276	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	47674	0.276	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	1996	0.387	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	70871	0.300	ng	0.00
27) Fluoranthene-d10	19.129	212	154887	0.348	ng	0.00
31) Terphenyl-d14	19.730	244	116379	0.500	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.270	88	15629m	2.023	ng	Qvalue
34) Bis(2-ethylhexyl)phtha...	21.219	149	12988	0.128	ng	99

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

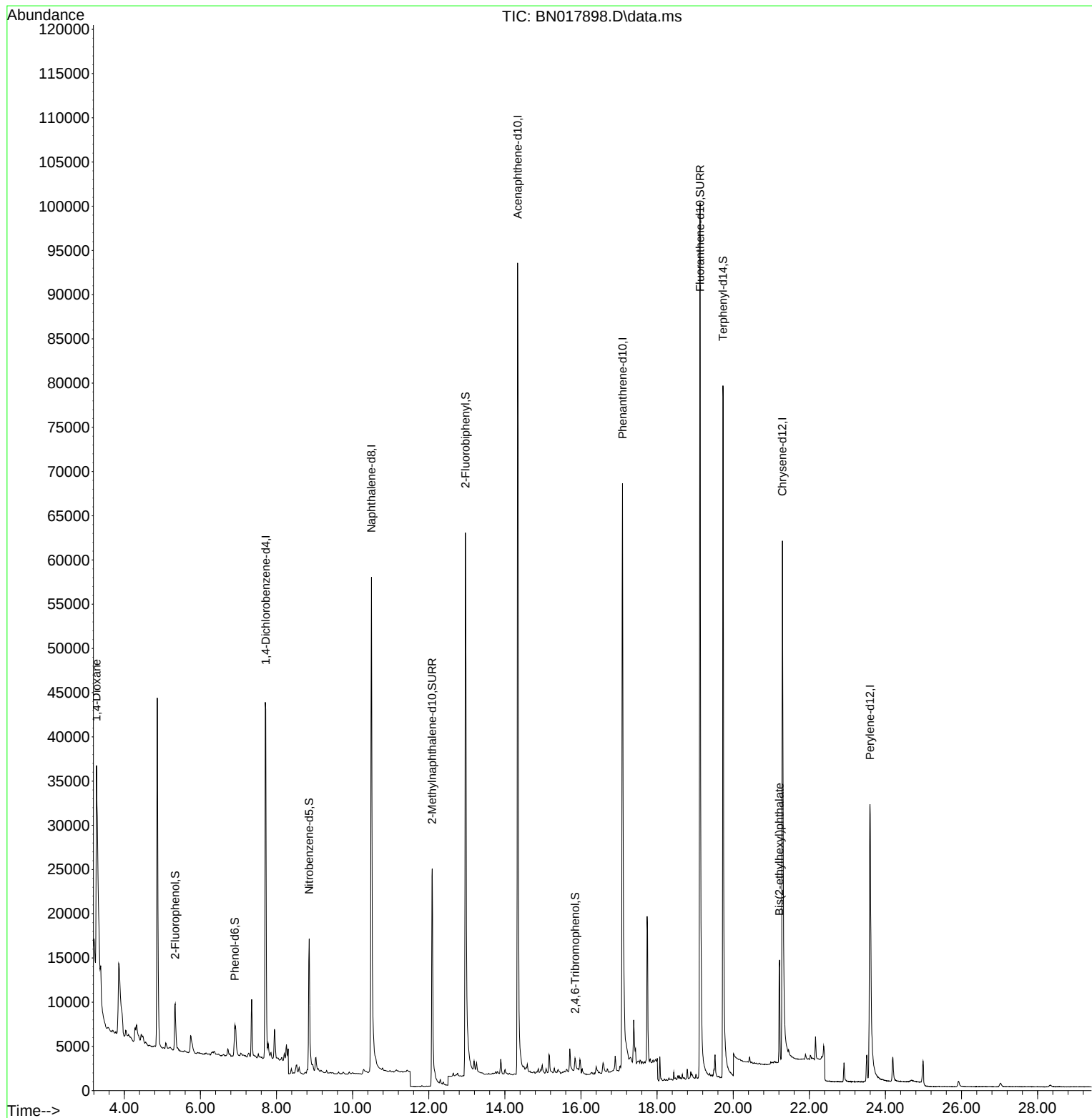
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
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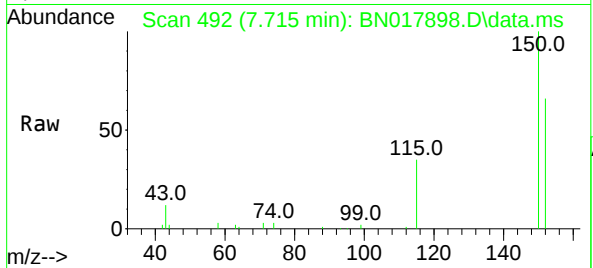
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

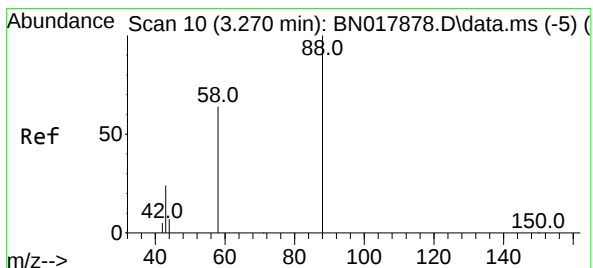
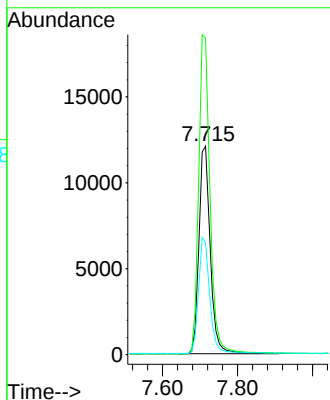
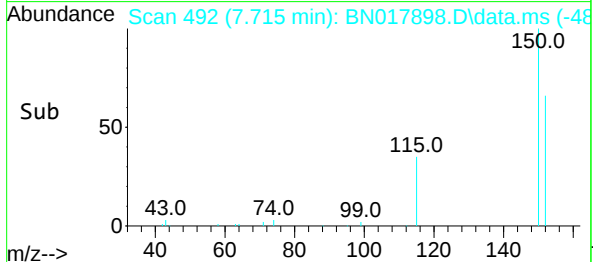
Instrument :
BNA_N
ClientSampleId :
MW203D1-20211205



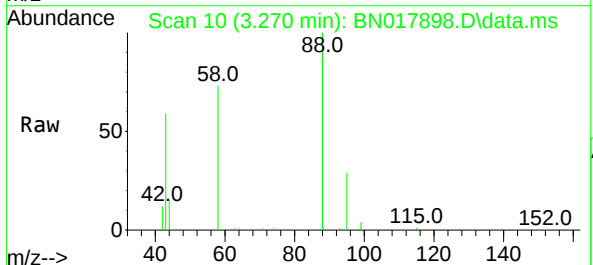
Tgt Ion:152 Resp: 25456
Ion Ratio Lower Upper
152 100
150 151.6 121.9 182.9
115 53.7 44.1 66.1

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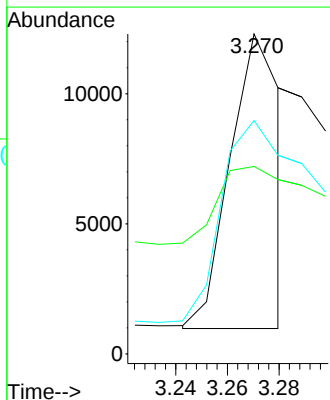
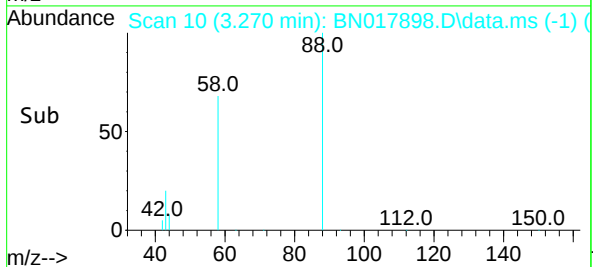
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021

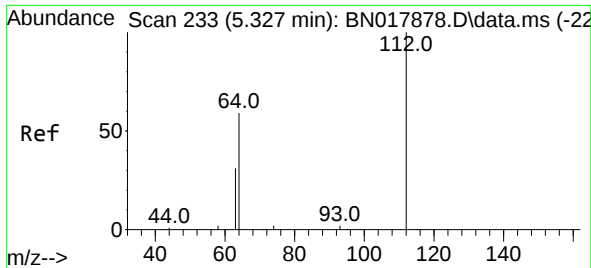


#2
1,4-Dioxane
Concen: 2.023 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54



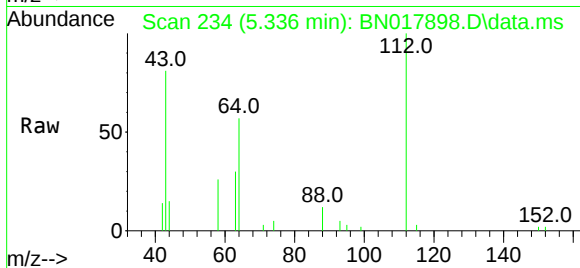
Tgt Ion: 88 Resp: 15629
Ion Ratio Lower Upper
88 100
43 46.8 28.0 42.0#
58 118.2 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.336 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

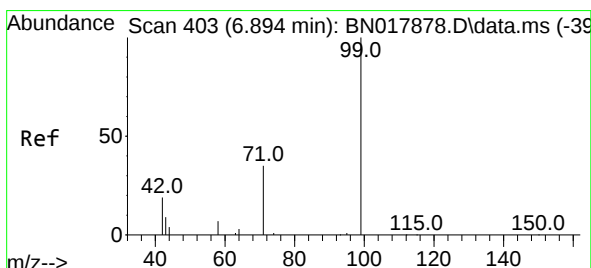
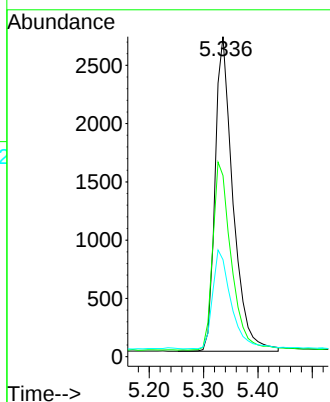
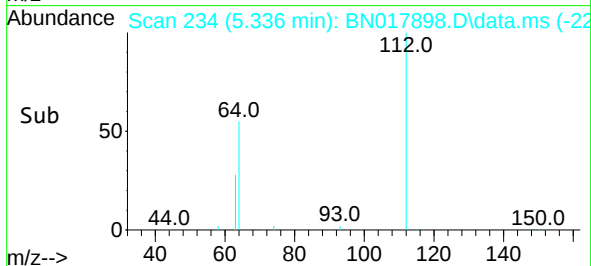
Instrument :
BNA_N
ClientSampleId :
MW203D1-20211205



Tgt Ion: 112 Resp: 6180
Ion Ratio Lower Upper
112 100
64 61.5 49.0 73.4
63 32.4 26.2 39.2

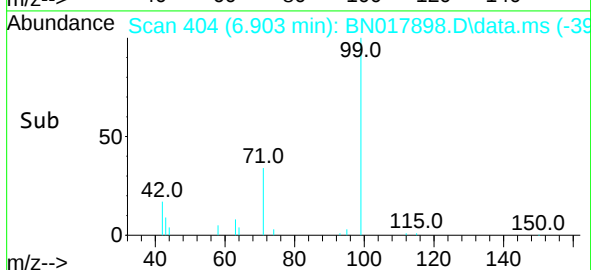
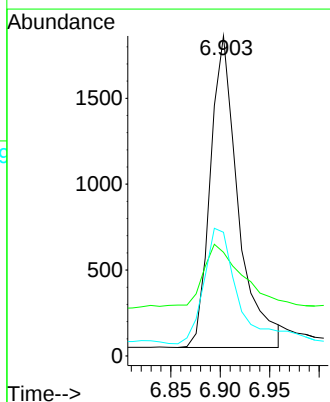
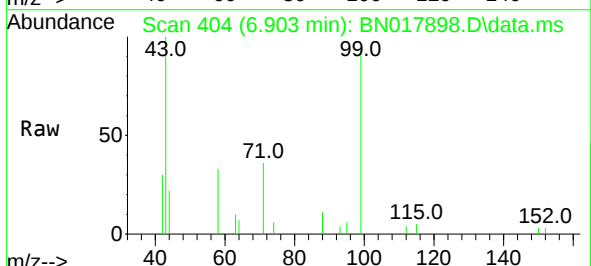
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Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021



#5
Phenol-d6
Concen: 0.068 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

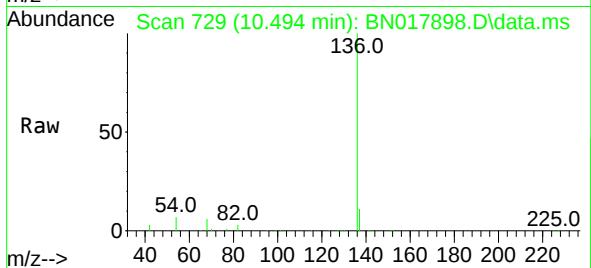
Tgt Ion: 99 Resp: 3560
Ion Ratio Lower Upper
99 100
42 29.4 17.0 25.4#
71 44.0 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

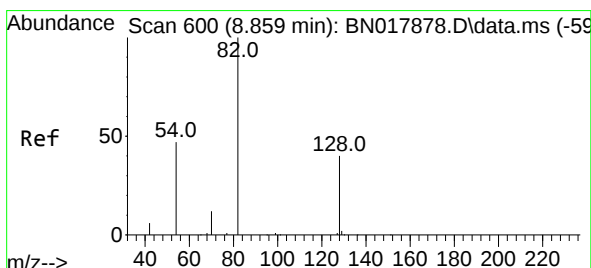
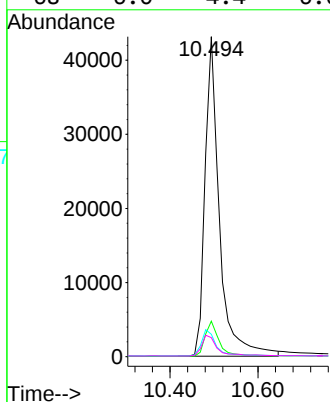
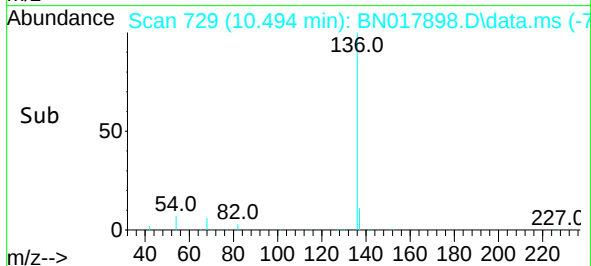
Instrument :
BNA_N
ClientSampleId :
MW203D1-20211205



Tgt Ion:	136	Resp:	98104
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	7.0	5.1	7.7
68	6.0	4.4	6.6

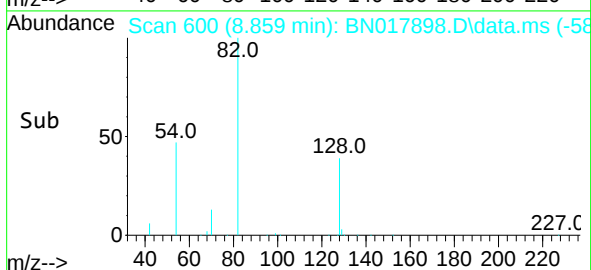
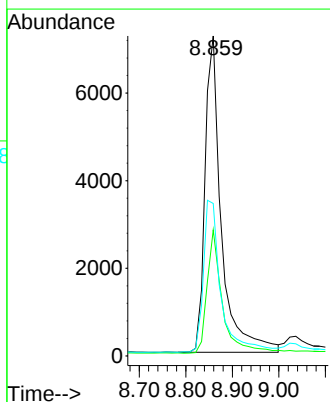
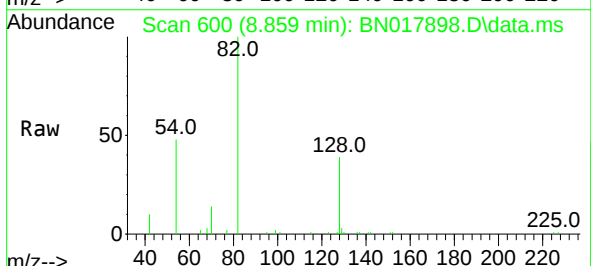
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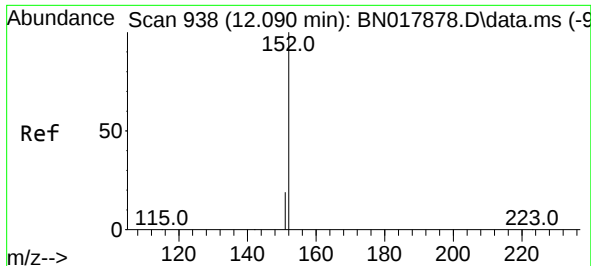
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021



#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

Tgt Ion:	82	Resp:	17667
Ion Ratio	Lower	Upper	
82	100		
128	39.4	32.2	48.4
54	47.7	37.6	56.4





#11

2-Methylnaphthalene-d10

Concen: 0.276 ng

RT: 12.090 min Scan# 91

Delta R.T. -0.000 min

Lab File: BN017898.D

Acq: 11 Dec 2021 09:54

Instrument :

BNA_N

ClientSampleId :

MW203D1-20211205

Tgt Ion:152 Resp: 47674

Ion Ratio Lower Upper

152 100

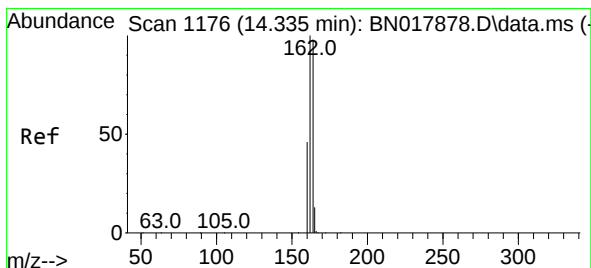
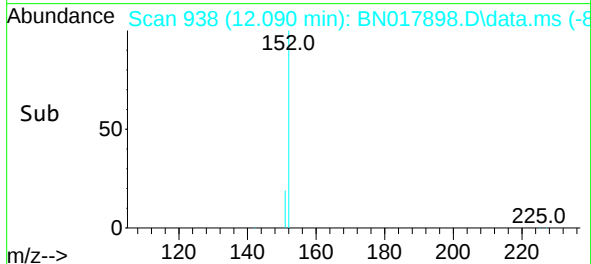
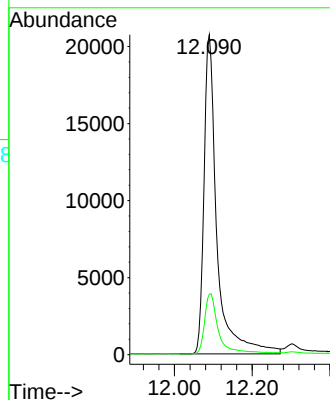
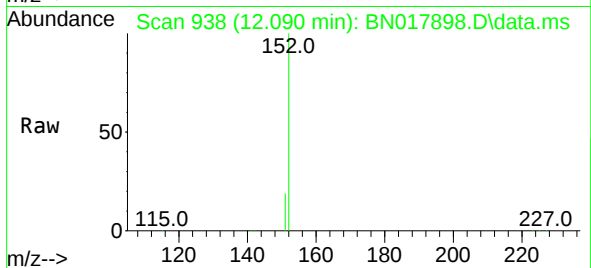
151 20.4 16.4 24.6

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: BN017898.D

Acq: 11 Dec 2021 09:54

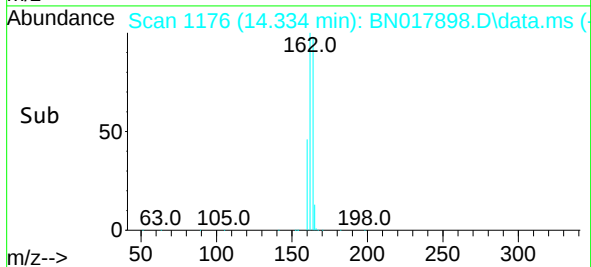
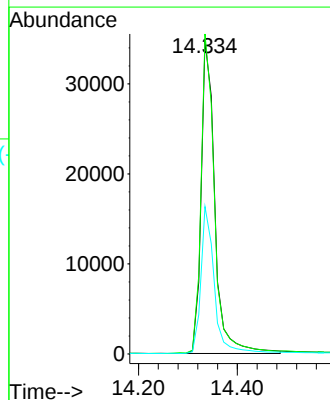
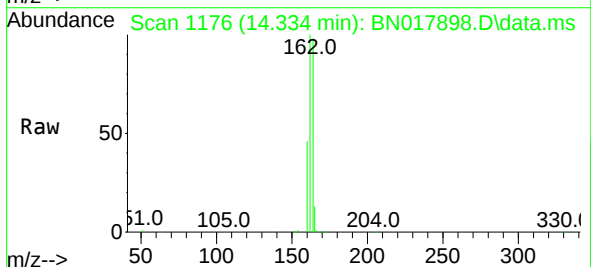
Tgt Ion:164 Resp: 67208

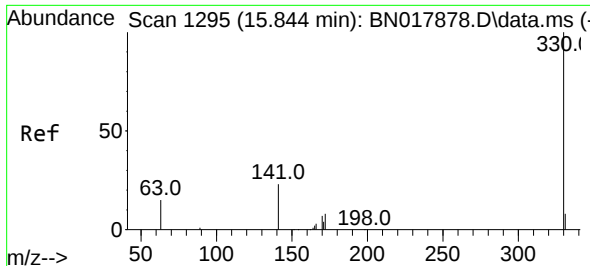
Ion Ratio Lower Upper

164 100

162 102.3 82.1 123.1

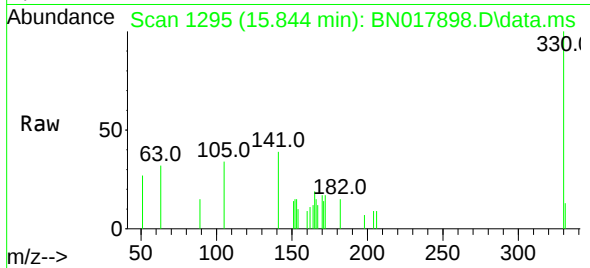
160 47.1 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.387 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

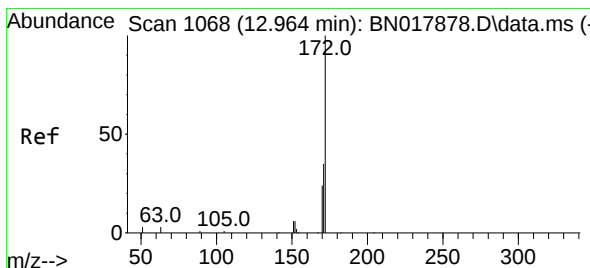
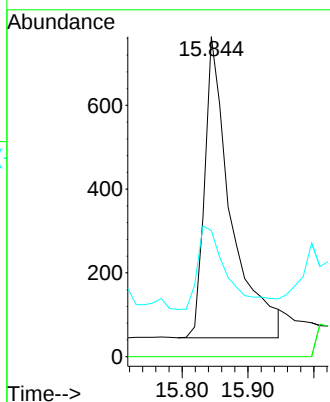
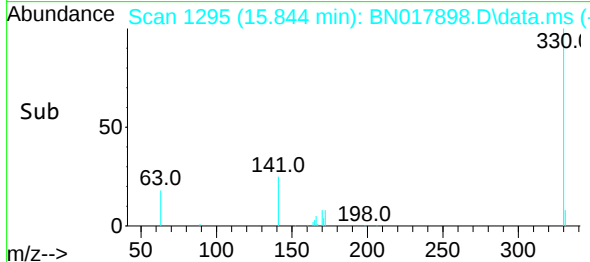
Instrument :
BNA_N
ClientSampleId :
MW203D1-20211205



Tgt Ion: 330 Resp: 1990
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 32.1 19.7 29.5

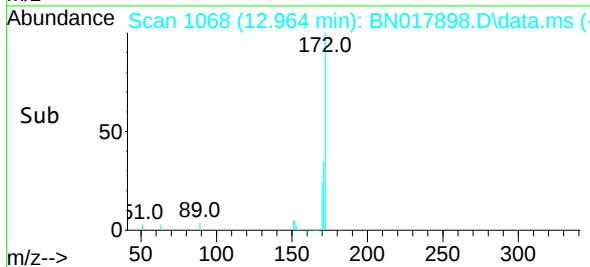
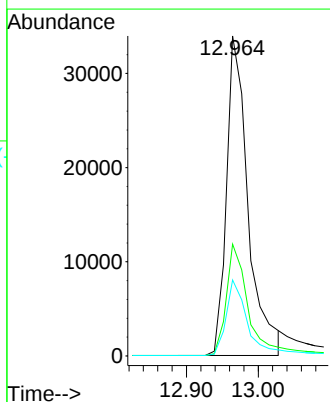
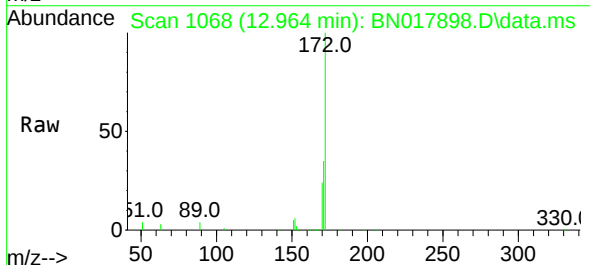
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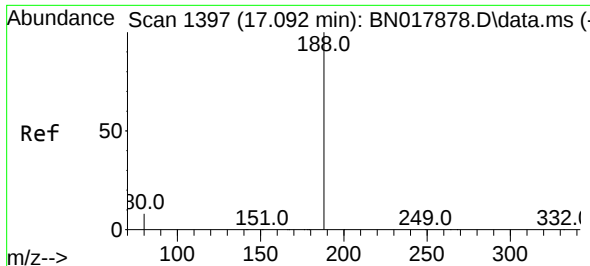
Reviewed By : Christian Giraldo 12/15/2021
Supervised By : Yogesh Patel 12/16/2021



#15
2-Fluorobiphenyl
Concen: 0.300 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

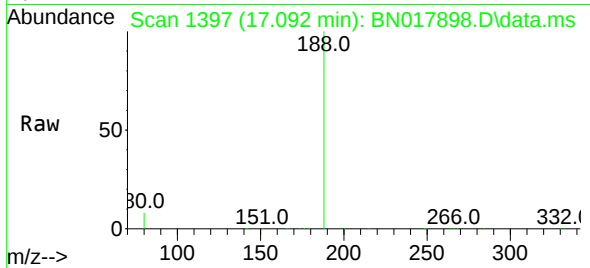
Tgt Ion: 172 Resp: 70871
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.7 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

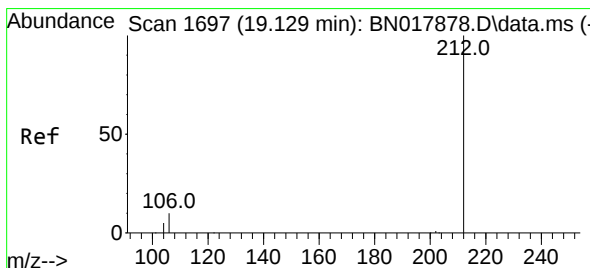
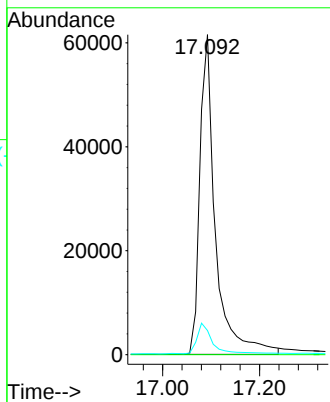
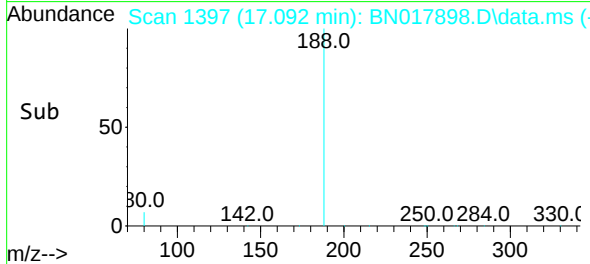
Instrument :
BNA_N
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Tgt Ion:188 Resp: 13725
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.5 6.2 9.2

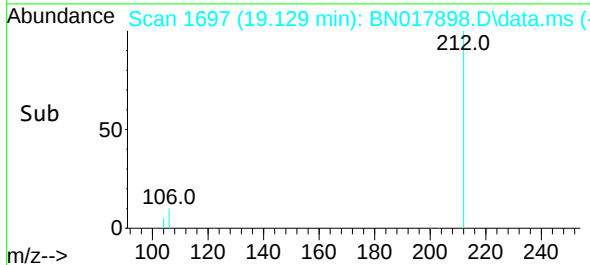
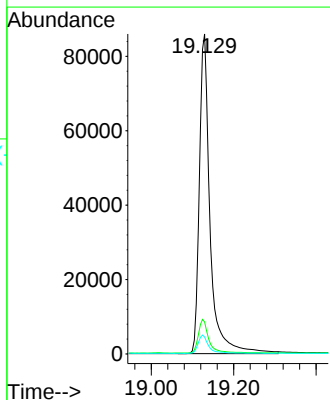
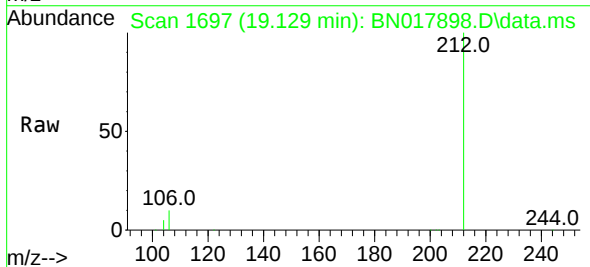
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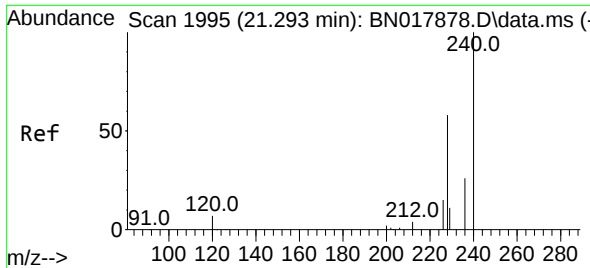
Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Yogesh Patel 12/16/2021



#27
Fluoranthene-d10
Concen: 0.348 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

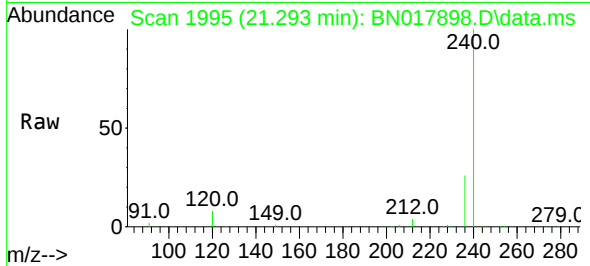
Tgt Ion:212 Resp: 154887
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 5.7 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

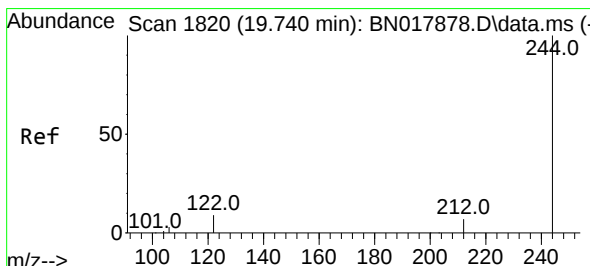
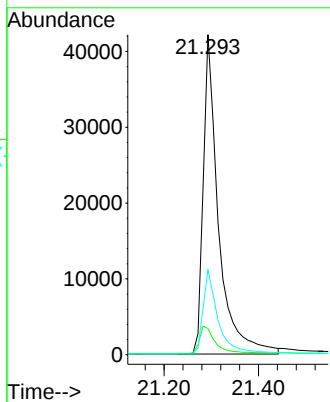
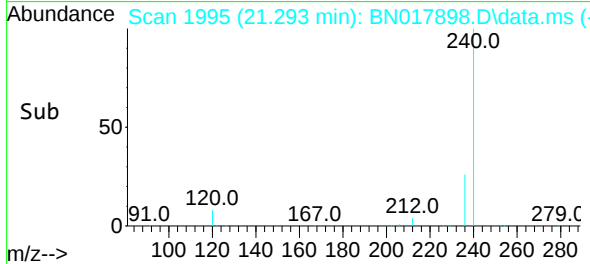
Instrument :
BNA_N
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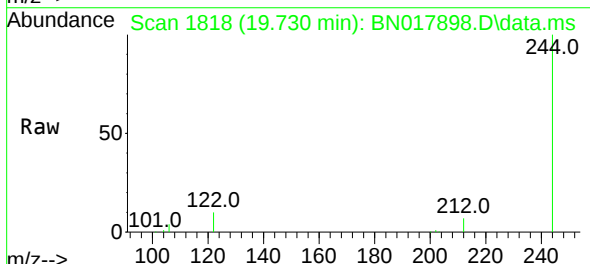
Tgt Ion:240 Resp: 94414
Ion Ratio Lower Upper
240 100
120 8.2 5.8 8.8
236 26.5 21.0 31.6

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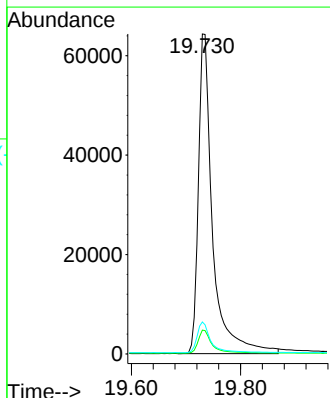
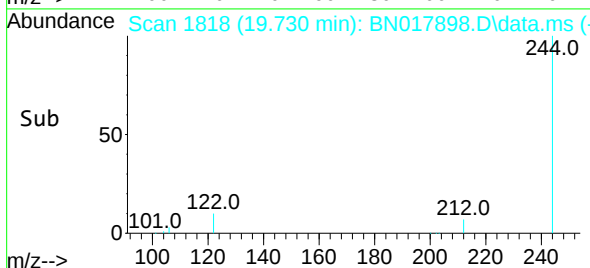
Reviewed By :Christian Giraldo 12/15/2021
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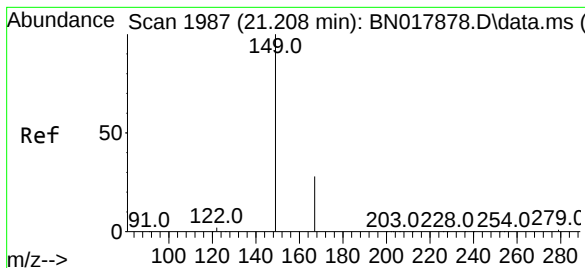


#31
Terphenyl-d14
Concen: 0.500 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54



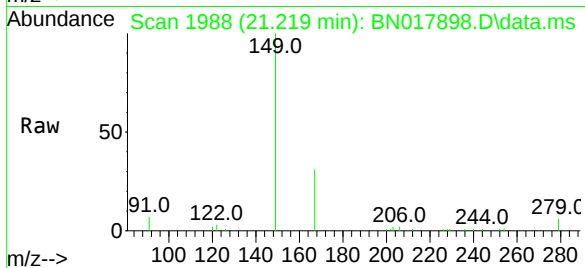
Tgt Ion:244 Resp: 116379
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.2
122 10.0 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.128 ng
RT: 21.219 min Scan# 1988
Delta R.T. 0.011 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

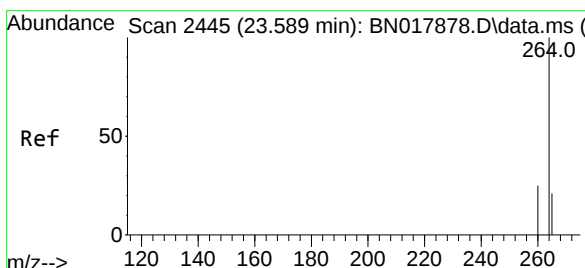
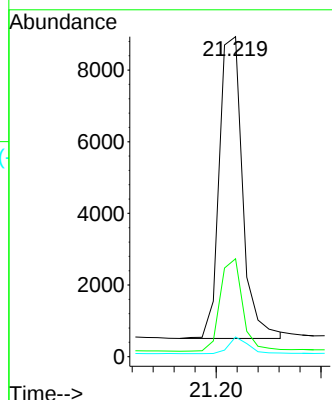
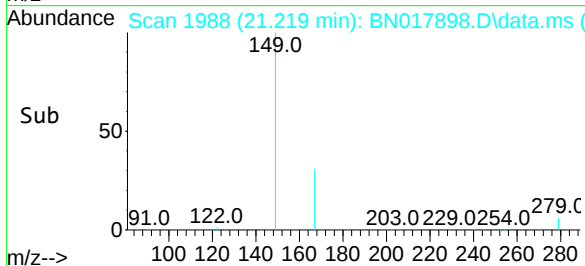
Instrument :
BNA_N
ClientSampleId :
MW203D1-20211205



Tgt Ion:149 Resp: 1298
Ion Ratio Lower Upper
149 100
167 29.5 23.4 35.0
279 4.6 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: 23.596 min Scan# 2447
Delta R.T. 0.007 min
Lab File: BN017898.D
Acq: 11 Dec 2021 09:54

Tgt Ion:264 Resp: 65141
Ion Ratio Lower Upper
264 100
260 25.1 20.2 30.4
265 22.6 18.2 27.4

