

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017897.D
 Acq On : 11 Dec 2021 09:18
 Operator : CG/JU
 Sample : M4956-24
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW178S-20211206

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 21:29:22 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	25092	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	102299	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	62519	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	128466	0.400	ng	0.00
29) Chrysene-d12	21.293	240	92825	0.400	ng	0.00
35) Perylene-d12	23.592	264	65519	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	6641	0.128	ng	0.00
5) Phenol-d6	6.903	99	3399	0.066	ng	0.00
8) Nitrobenzene-d5	8.859	82	19633	0.294	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	55988	0.311	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3717	0.442	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	84798	0.385	ng	0.00
27) Fluoranthene-d10	19.129	212	155429	0.373	ng	0.00
31) Terphenyl-d14	19.730	244	136704	0.597	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	2263m	0.297	ng	
34) Bis(2-ethylhexyl)phtha...	21.208	149	10483	0.105	ng	98

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

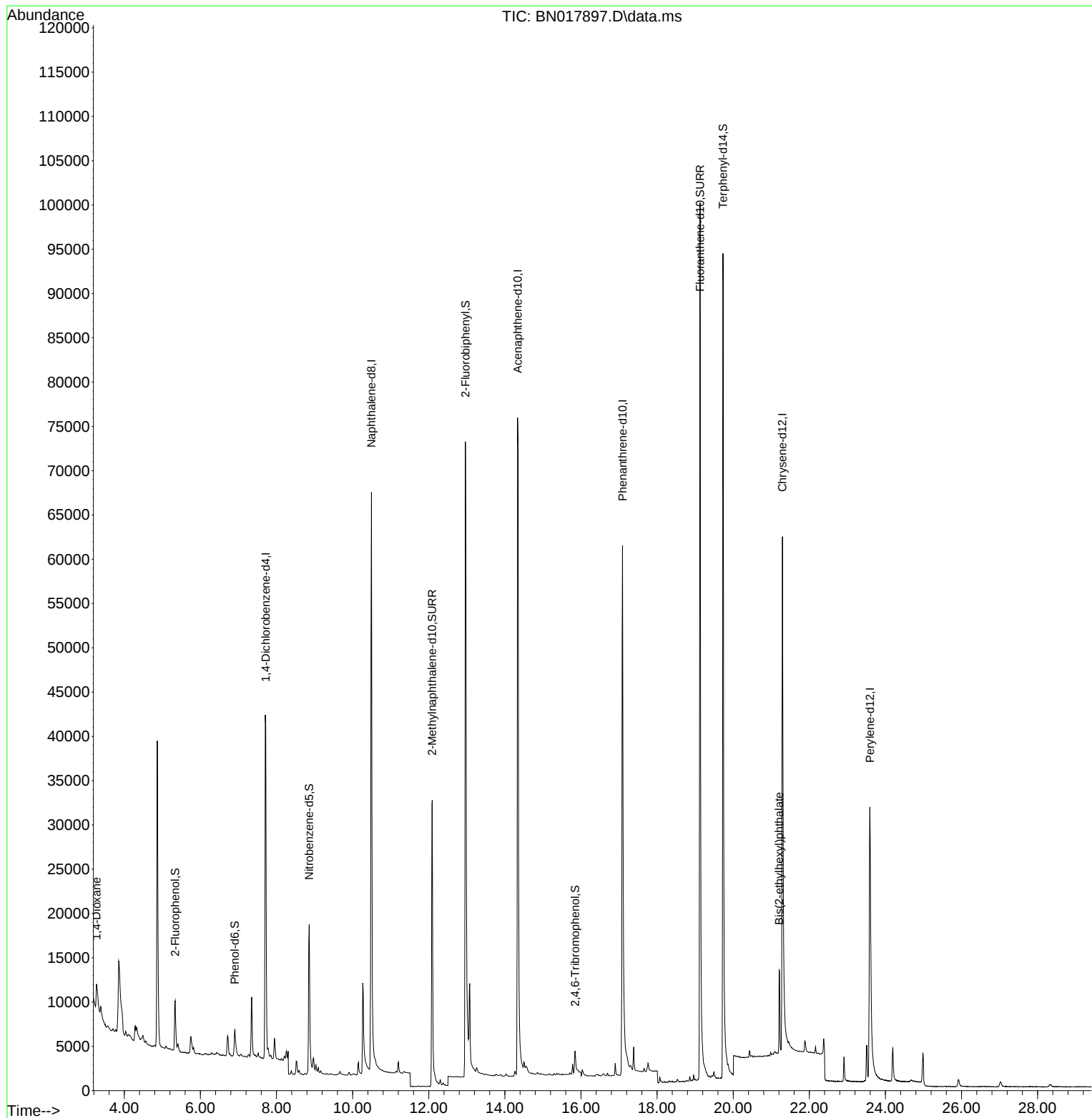
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
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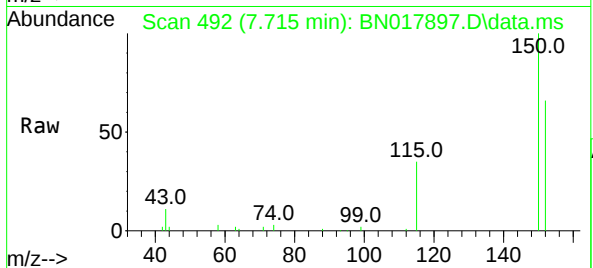
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

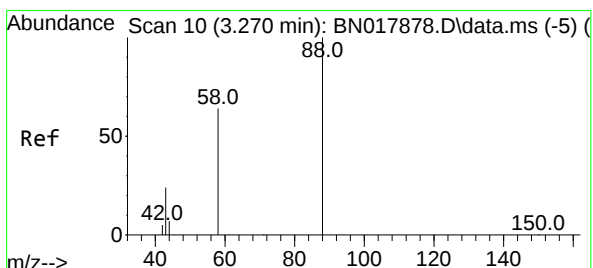
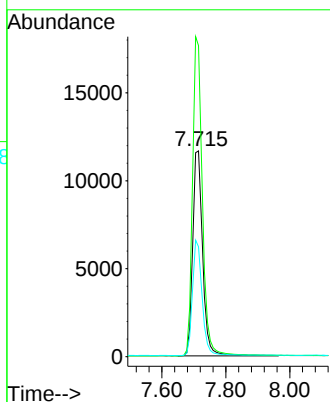
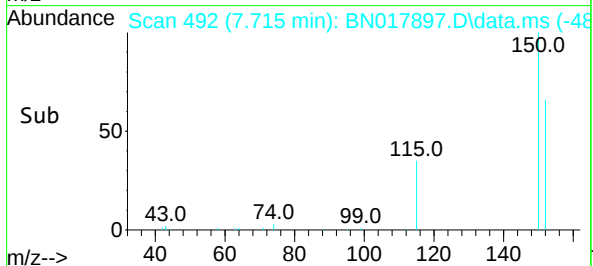
Instrument :
BNA_N
ClientSampleId :
MW178S-20211206



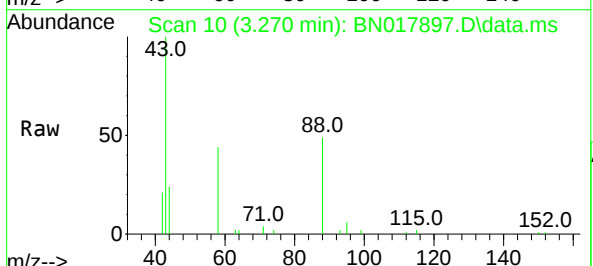
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Ion Ratio Lower Upper
152 100
150 151.1 121.9 182.9
115 53.4 44.1 66.1

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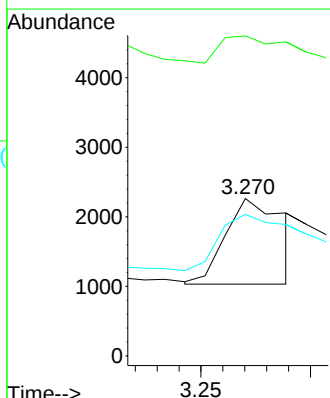
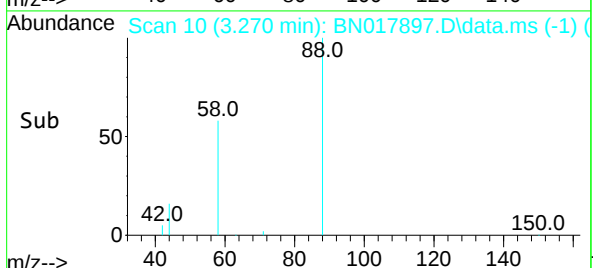
Reviewed By :Christian Giraldo 12/13/2021
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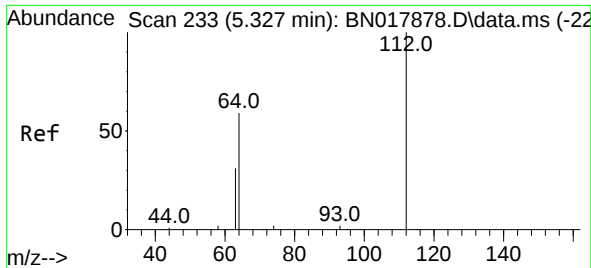


#2
1,4-Dioxane
Concen: 0.297 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18



Tgt Ion: 88 Resp: 2263
Ion Ratio Lower Upper
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43 36.7 28.0 42.0
58 85.2 65.4 98.0





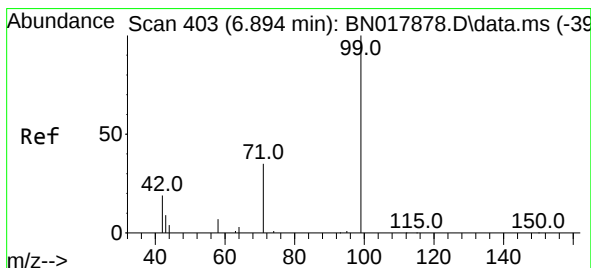
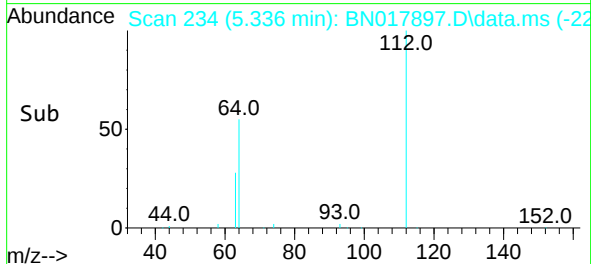
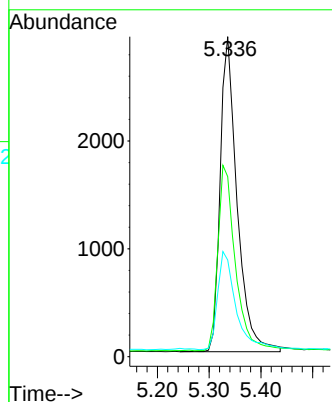
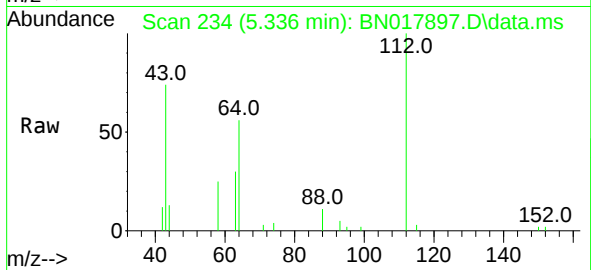
#4
2-Fluorophenol
Concen: 0.128 ng
RT: 5.336 min Scan# 211
Delta R.T. 0.009 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

Instrument :
BNA_N
ClientSampleId :
MW178S-20211206

Tgt Ion:112 Resp: 664
Ion Ratio Lower Upper
112 100
64 60.8 49.0 73.4
63 33.5 26.2 39.2

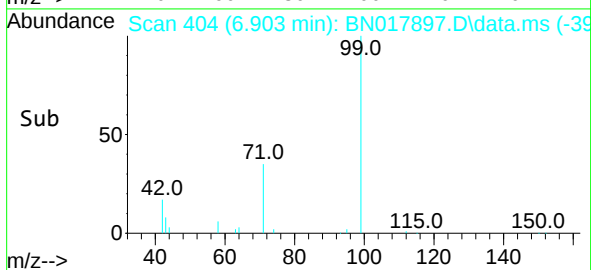
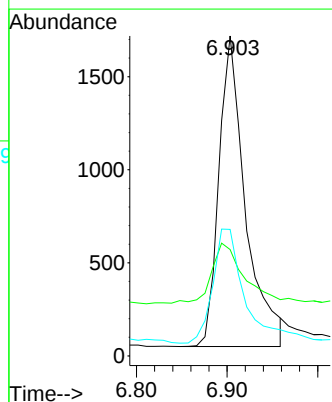
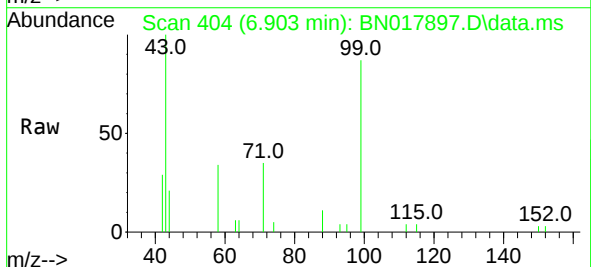
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#5
Phenol-d6
Concen: 0.066 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

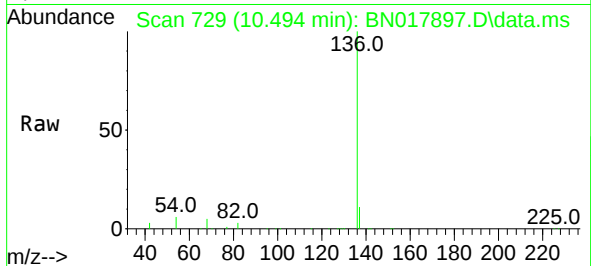
Tgt Ion: 99 Resp: 3399
Ion Ratio Lower Upper
99 100
42 24.0 17.0 25.4
71 43.0 28.0 42.0#





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

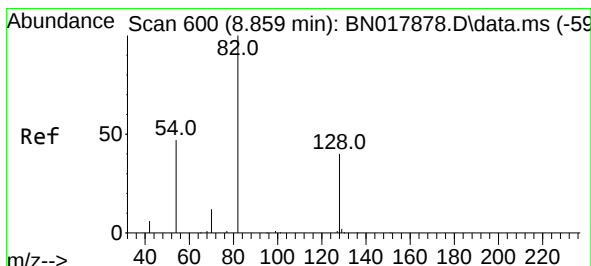
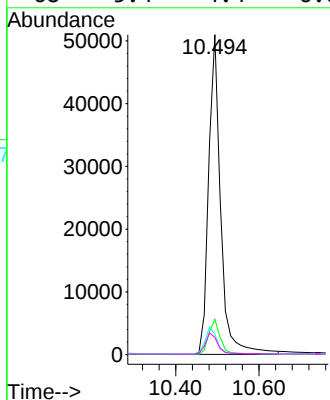
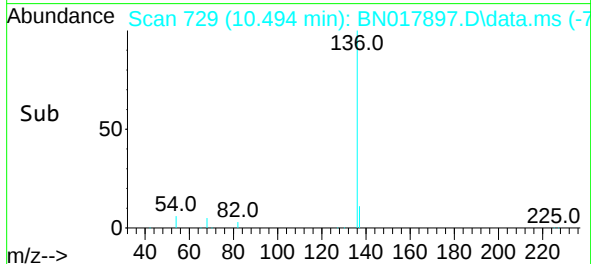
Instrument :
BNA_N
ClientSampleId :
MW178S-20211206



Tgt Ion:136 Resp: 102299
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.4 5.1 7.7
68 5.4 4.4 6.6

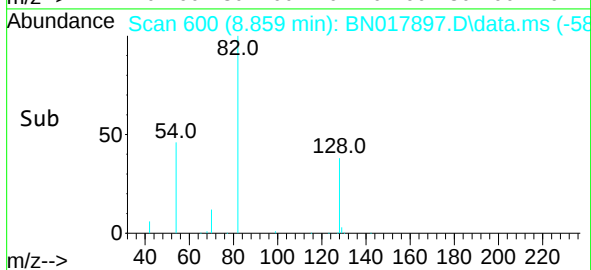
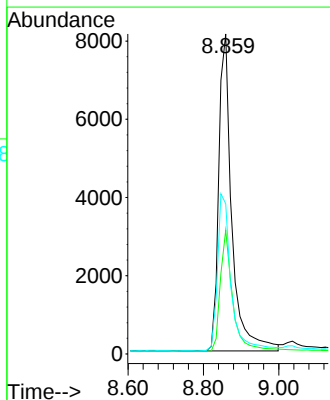
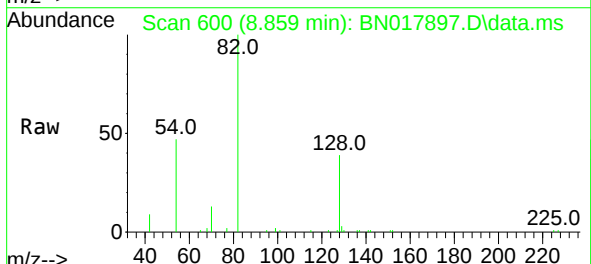
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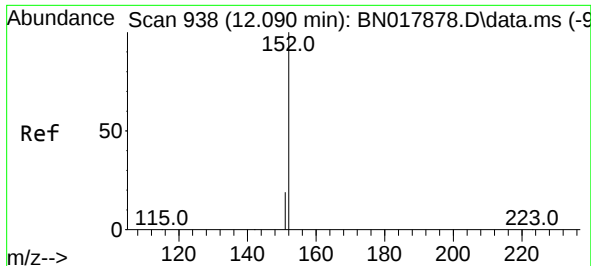
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#8
Nitrobenzene-d5
Concen: 0.294 ng
RT: 8.859 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

Tgt Ion: 82 Resp: 19633
Ion Ratio Lower Upper
82 100
128 38.7 32.2 48.4
54 47.0 37.6 56.4





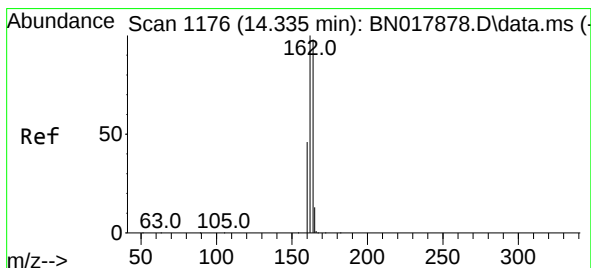
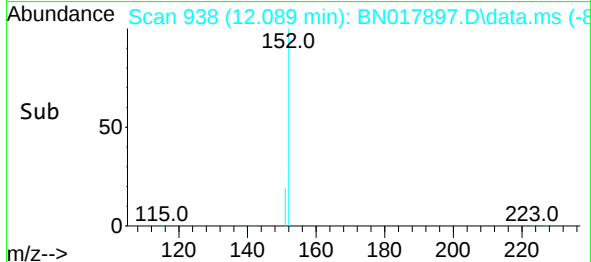
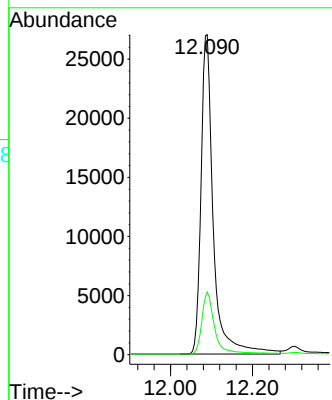
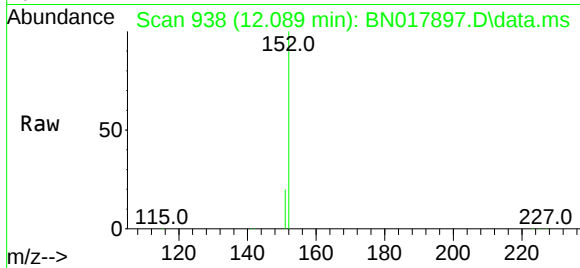
#11
2-Methylnaphthalene-d10
Concen: 0.311 ng
RT: 12.089 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

Instrument :
BNA_N
ClientSampleId :
MW178S-20211206

Tgt Ion:152 Resp: 5598
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6

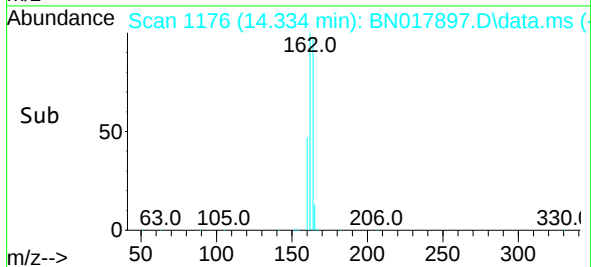
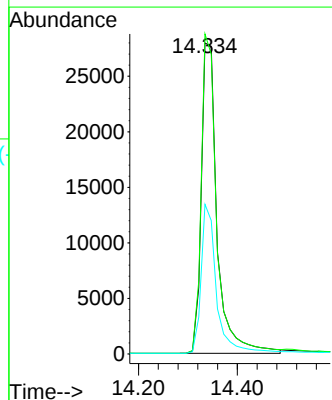
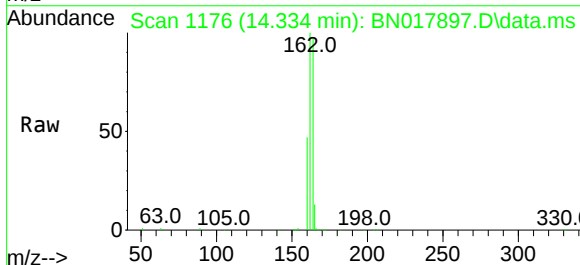
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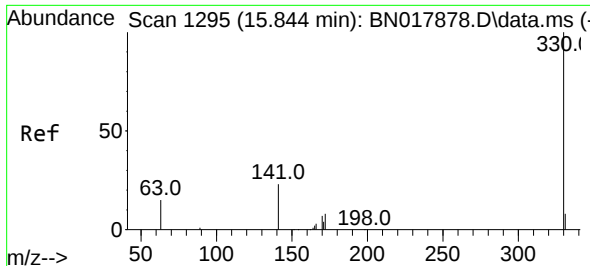
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

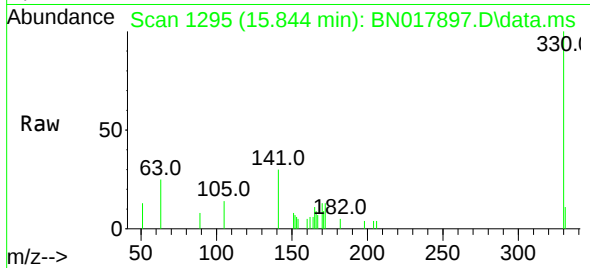
Tgt Ion:164 Resp: 62519
Ion Ratio Lower Upper
164 100
162 102.9 82.1 123.1
160 48.1 38.2 57.2





#14
2,4,6-Tribromophenol
Concen: 0.442 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

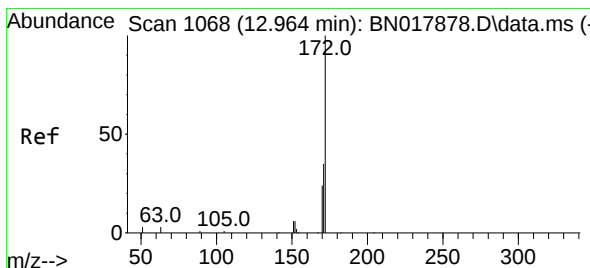
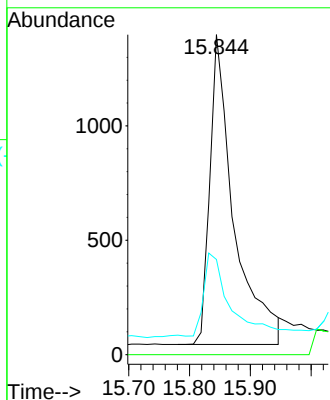
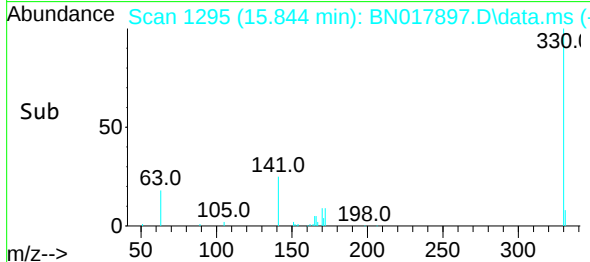
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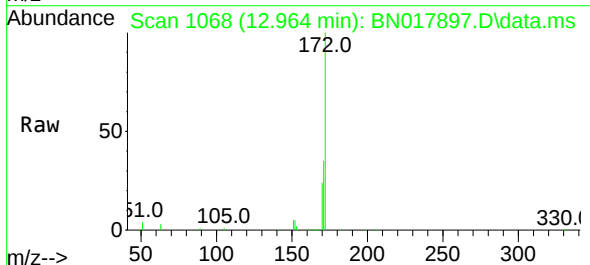
Tgt Ion: 330 Resp: 371
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 28.4 19.7 29.5

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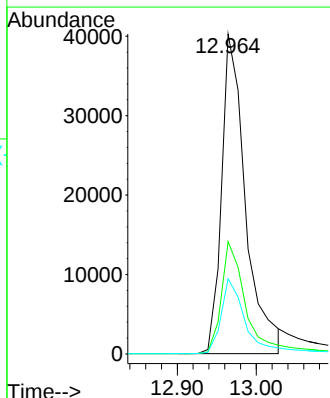
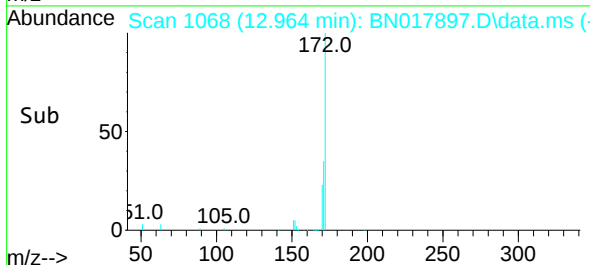
Reviewed By : Christian Giraldo 12/13/2021
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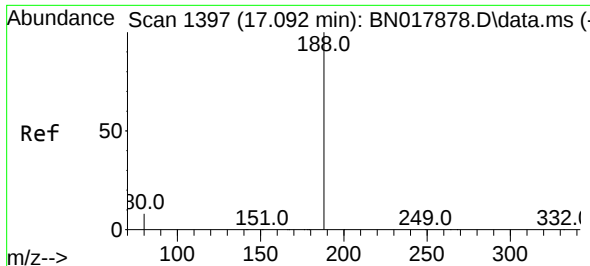


#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18



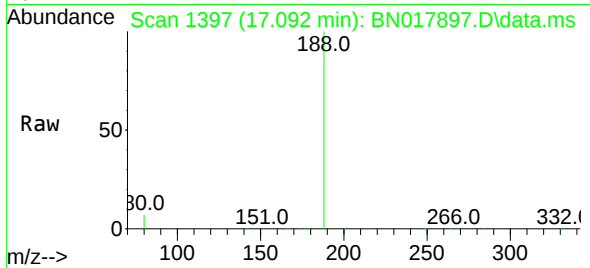
Tgt Ion: 172 Resp: 84798
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.5 19.1 28.7





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

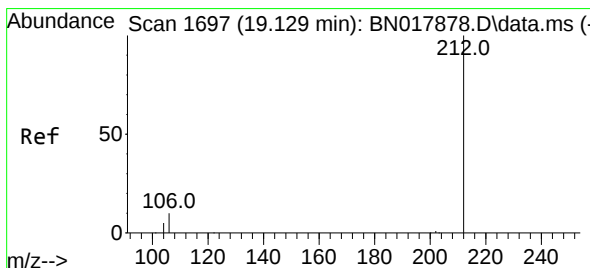
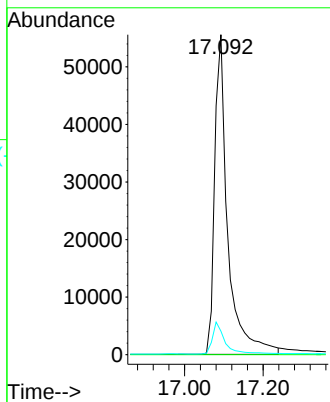
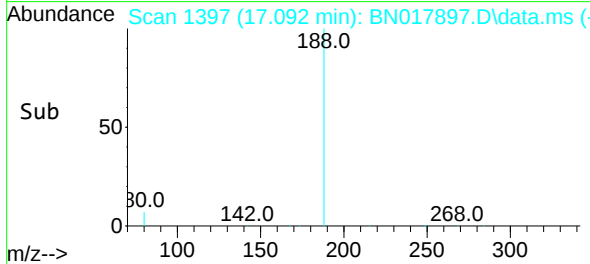
Instrument :
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Tgt Ion:188 Resp: 128460
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 6.2 9.2

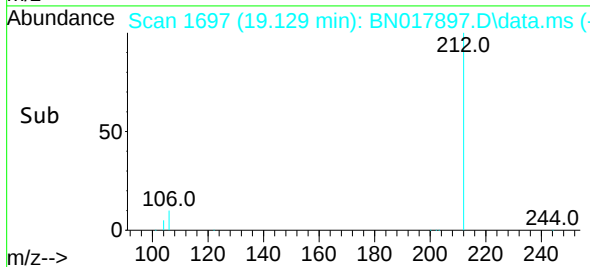
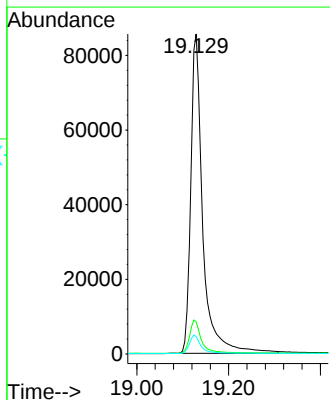
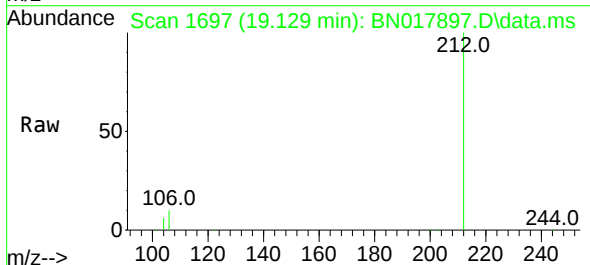
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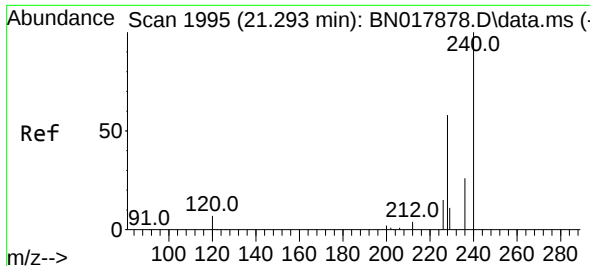
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#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

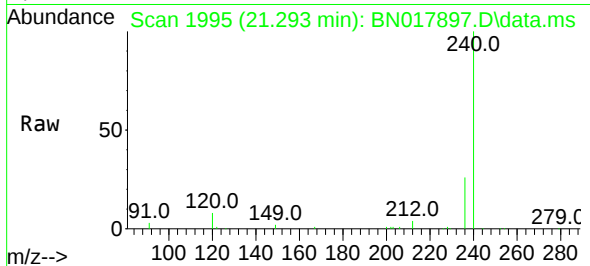
Tgt Ion:212 Resp: 155429
Ion Ratio Lower Upper
212 100
106 10.4 8.3 12.5
104 5.6 4.6 6.8





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

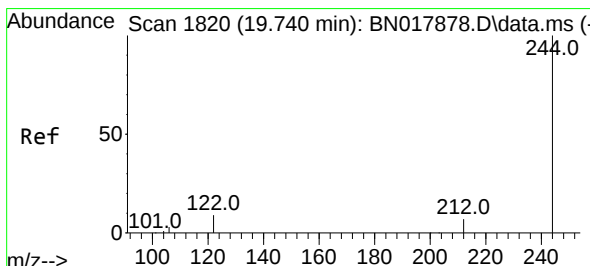
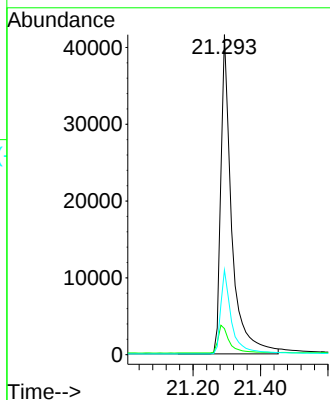
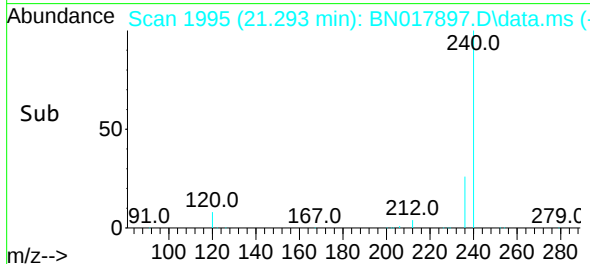
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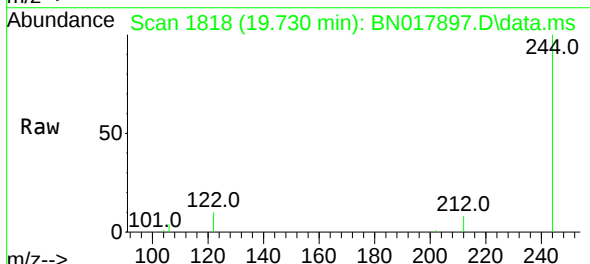
Tgt Ion:240 Resp: 92825
Ion Ratio Lower Upper
240 100
120 8.2 5.8 8.8
236 26.5 21.0 31.6

Manual Integrations
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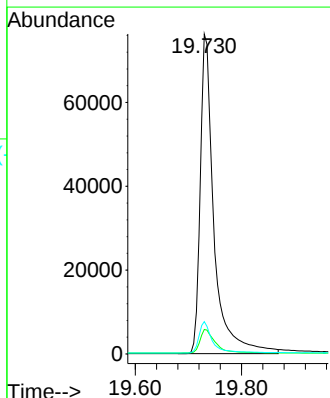
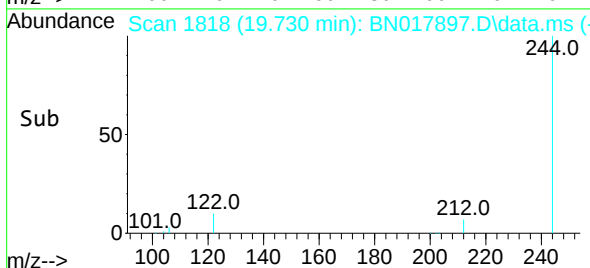
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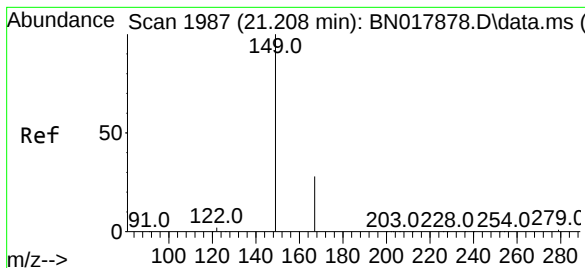


#31
Terphenyl-d14
Concen: 0.597 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18



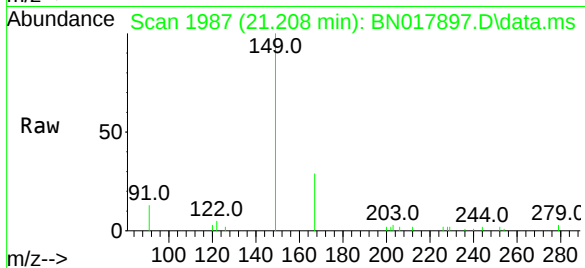
Tgt Ion:244 Resp: 136704
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 10.1 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

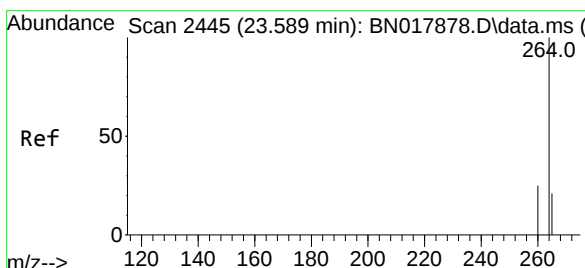
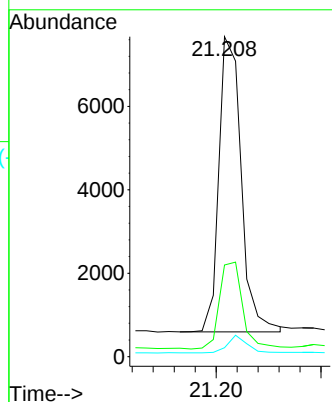
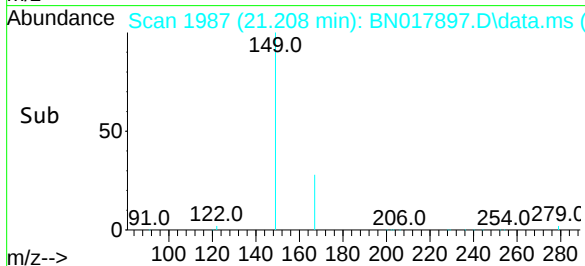
Instrument :
BNA_N
ClientSampleId :
MW178S-20211206



Tgt Ion:149 Resp: 1048
Ion Ratio Lower Upper
149 100
167 30.5 23.4 35.0
279 5.1 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: 23.592 min Scan# 2446
Delta R.T. 0.003 min
Lab File: BN017897.D
Acq: 11 Dec 2021 09:18

Tgt Ion:264 Resp: 65519
Ion Ratio Lower Upper
264 100
260 25.2 20.2 30.4
265 23.1 18.2 27.4

