

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
 Data File : BN017972.D
 Acq On : 13 Dec 2021 15:06
 Operator : CG/JU
 Sample : M4956-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW202D1-20211204

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/14/2021
 Supervised By :Jagrut Upadhyay 12/14/2021

Quant Time: Dec 14 03:41:15 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	26034	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	110298	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	73315	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	149205	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	126528	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	101645	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	9082	0.169	ng	0.00
5) Phenol-d6	6.903	99	5920	0.111	ng	0.00
8) Nitrobenzene-d5	8.846	82	24505m	0.340	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	65347	0.337	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	16881	0.755	ng	-0.01
15) 2-Fluorobiphenyl	12.964	172	108870	0.422	ng	0.00
27) Fluoranthene-d10	19.124	212	177723	0.367	ng	0.00
31) Terphenyl-d14	19.730	244	146813	0.471	ng	-0.01
Target Compounds						Qvalue
24) Pentachlorophenol	16.752	266	2068	0.604	ng	94
25) Phenanthrene	17.129	178	13137	0.034	ng	# 85
28) Fluoranthene	19.154	202	11006	0.023	ng	98
34) Bis(2-ethylhexyl)phtha...	21.208	149	32785	0.241	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.937	276	1161	0.094	ng	96
40) Dibenzo(a,h)anthracene	25.958	278	876	0.107	ng	# 1

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

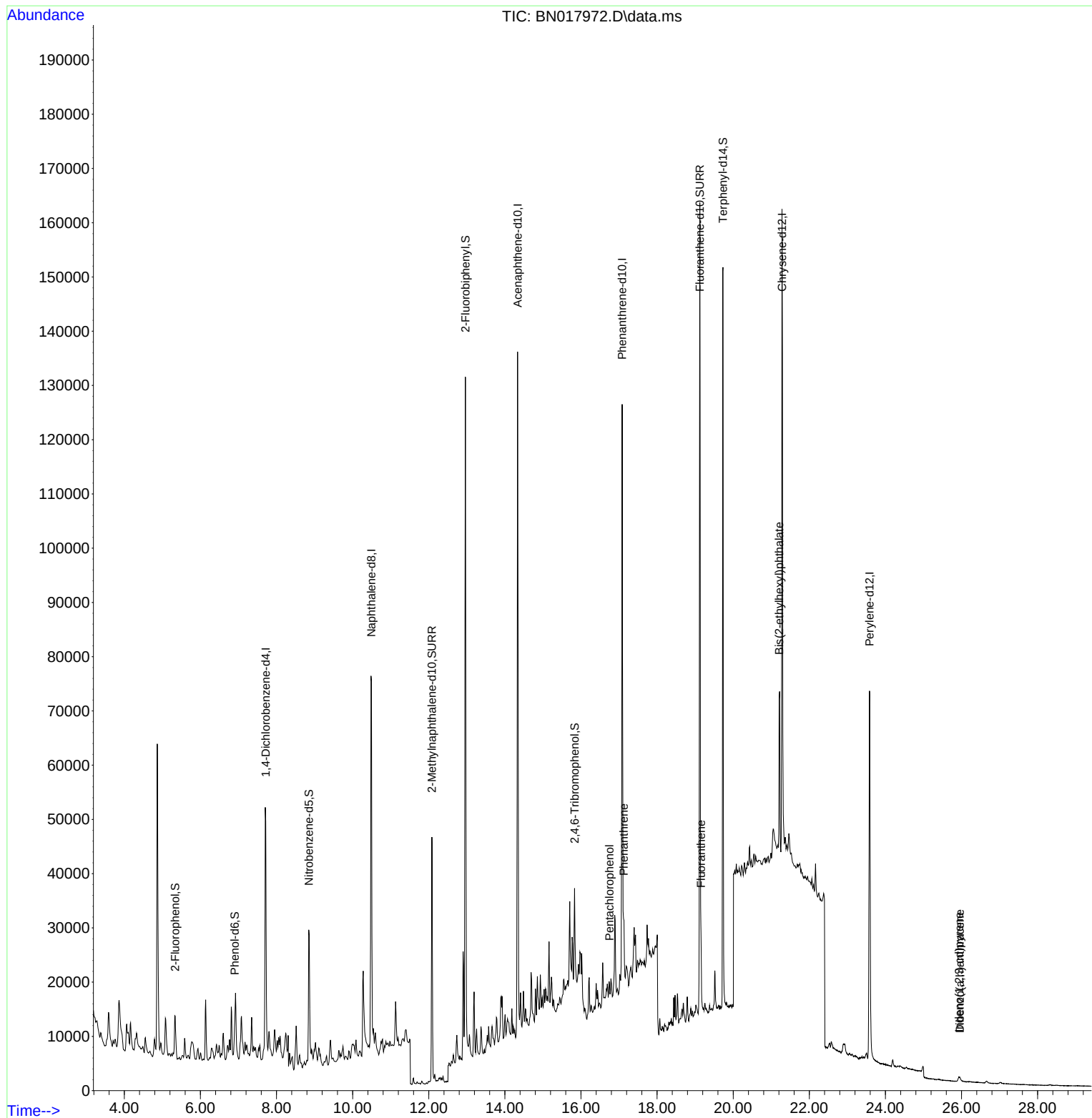
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017972.D
Acq On : 13 Dec 2021 15:06
Operator : CG/JU
Sample : M4956-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

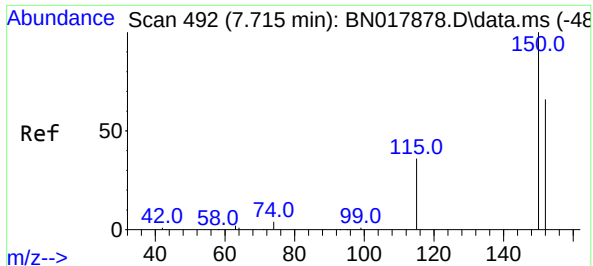
Instrument :
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Quant Time: Dec 14 03:41:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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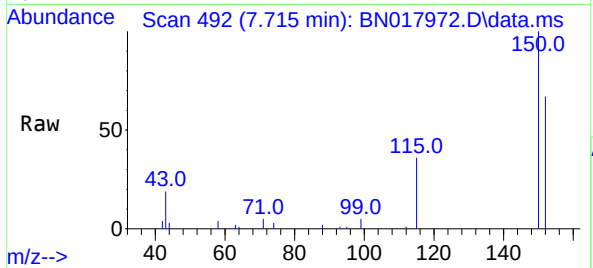
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

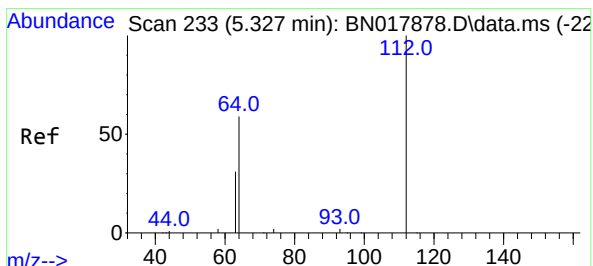
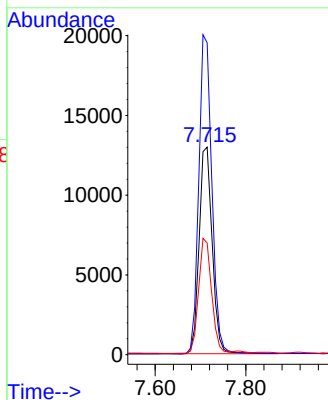
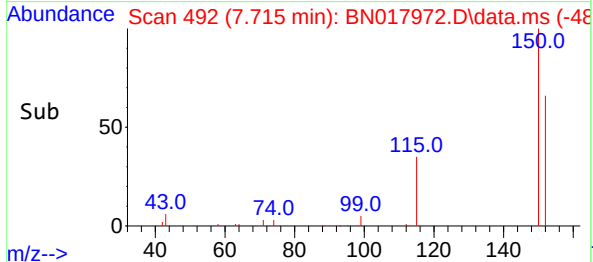
Instrument :
BNA_N
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MW202D1-20211204



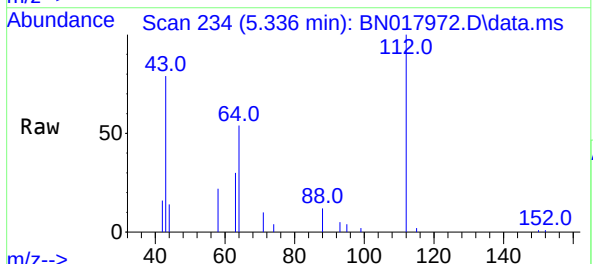
Tgt Ion:152 Resp: 26034
Ion Ratio Lower Upper
152 100
150 150.3 121.9 182.9
115 53.8 44.1 66.1

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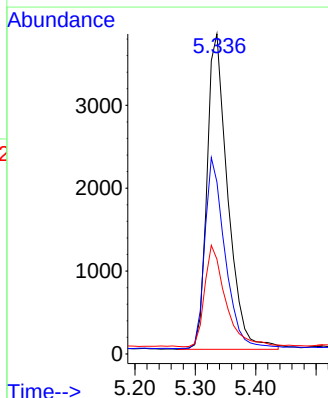
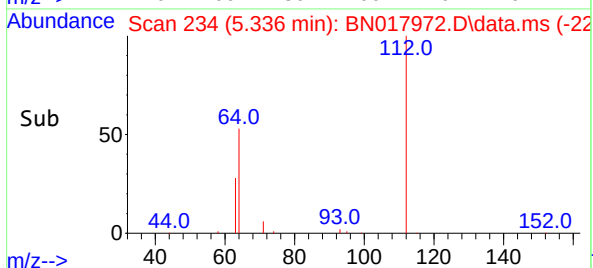
Reviewed By :Christian Giraldo 12/14/2021
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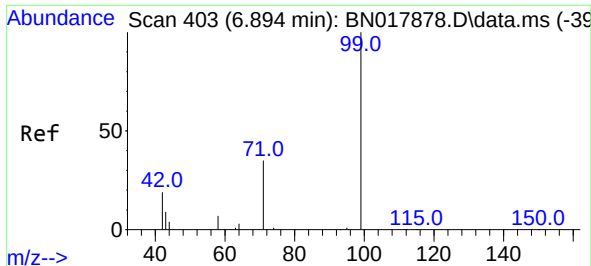


#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.336 min Scan# 234
Delta R.T. 0.009 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06



Tgt Ion:112 Resp: 9082
Ion Ratio Lower Upper
112 100
64 58.8 49.0 73.4
63 32.4 26.2 39.2





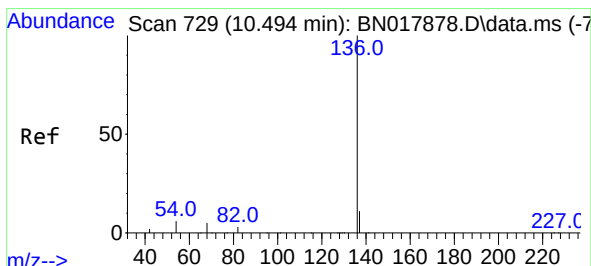
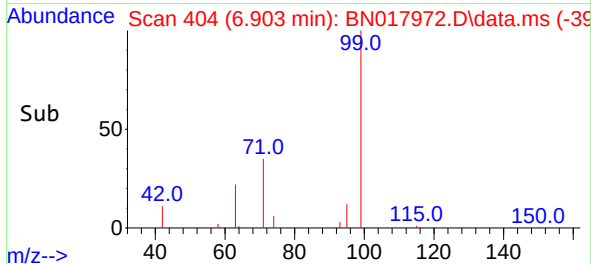
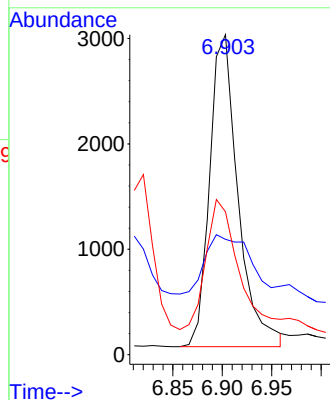
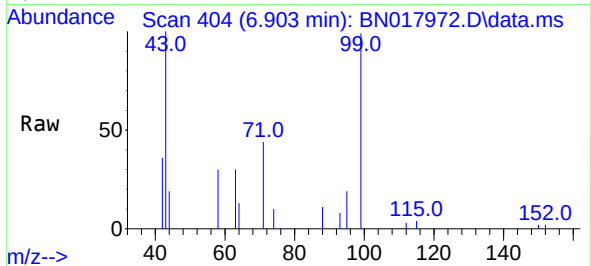
#5
Phenol-d6
Concen: 0.111 ng
RT: 6.903 min Scan# 403
Delta R.T. 0.009 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

Instrument :
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ClientSampleId :
MW202D1-20211204

Tgt Ion: 99 Resp: 5920
Ion Ratio Lower Upper
99 100
42 28.9 17.0 25.4
71 47.4 28.0 42.0

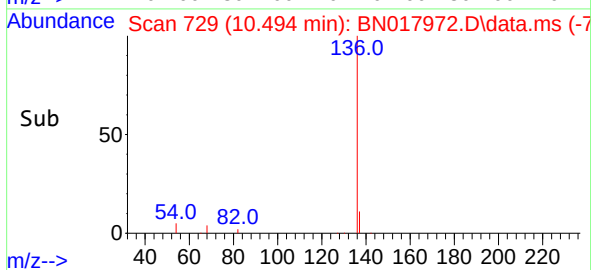
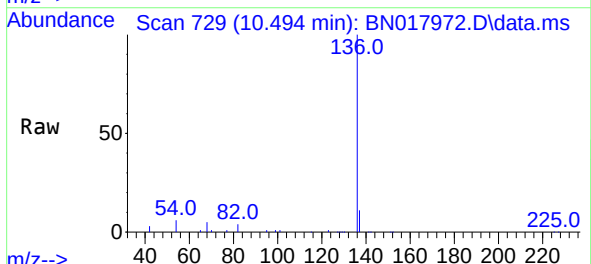
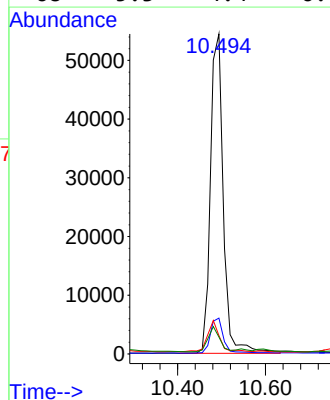
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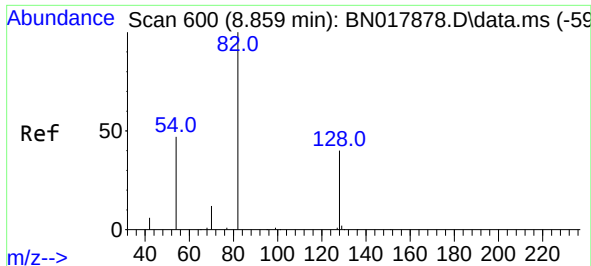
Reviewed By :Christian Giraldo 12/14/2021
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#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

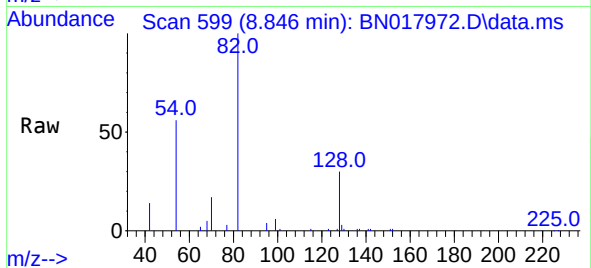
Tgt Ion:136 Resp: 110298
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 5.8 5.1 7.7
68 5.3 4.4 6.6





#8
Nitrobenzene-d5
Concen: 0.340 ng m
RT: 8.846 min Scan# 599
Delta R.T. -0.013 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

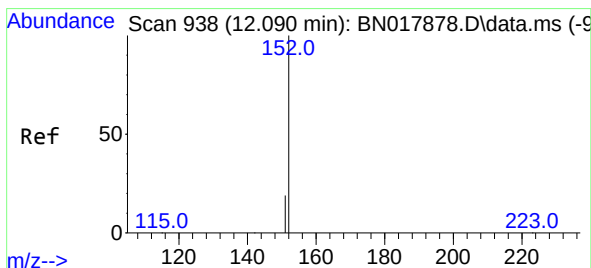
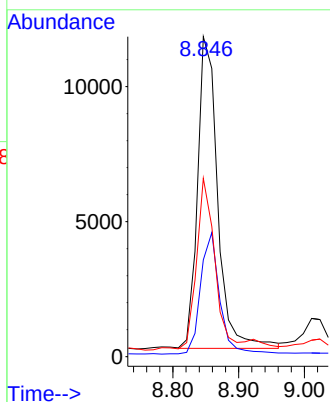
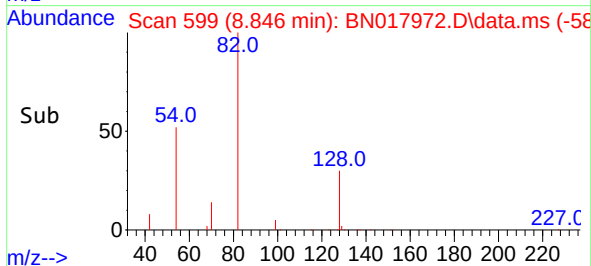
Instrument :
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Tgt Ion: 82 Resp: 2450
Ion Ratio Lower Upper
82 100
128 30.2 32.2 48.4
54 55.8 37.6 56.4

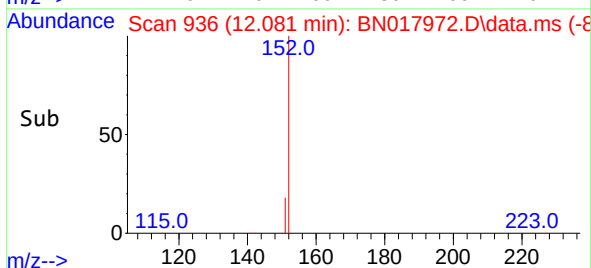
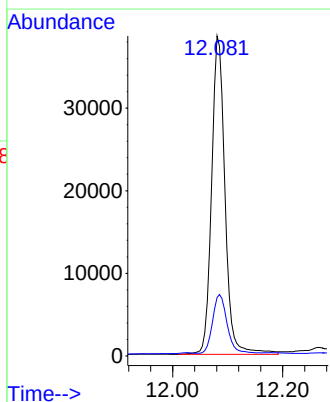
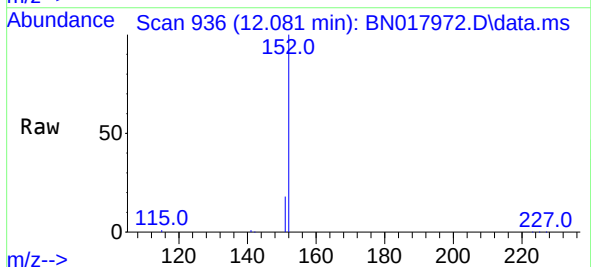
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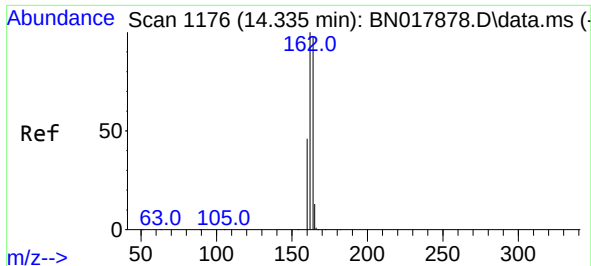
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 12.081 min Scan# 936
Delta R.T. -0.009 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

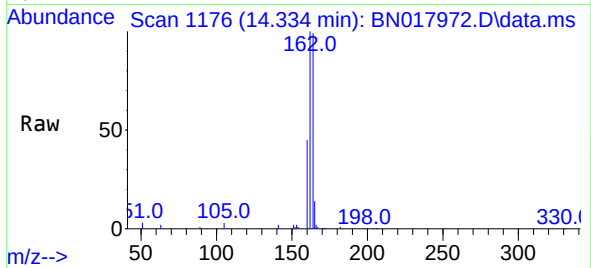
Tgt Ion:152 Resp: 65347
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

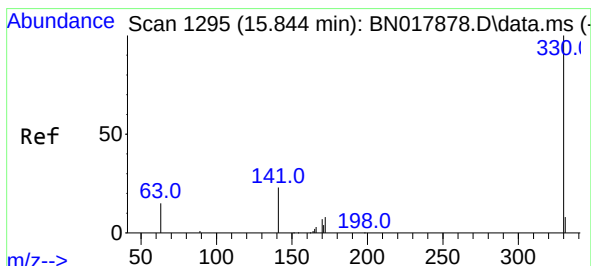
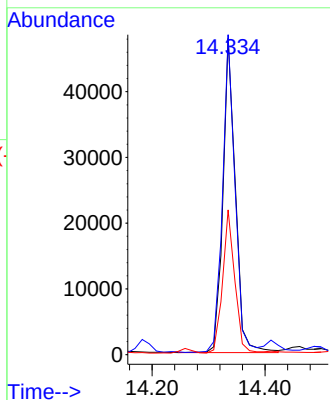
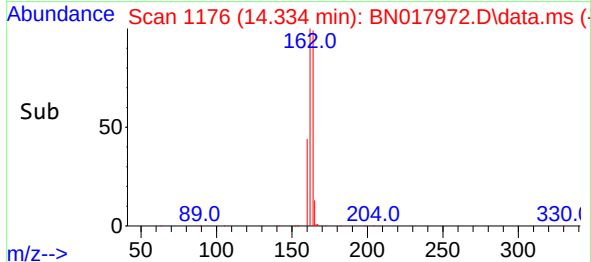
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ClientSampleId :
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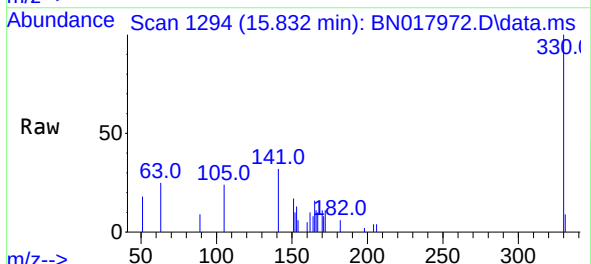
Tgt Ion:164 Resp: 7331
Ion Ratio Lower Upper
164 100
162 101.1 82.1 123.1
160 45.8 38.2 57.2

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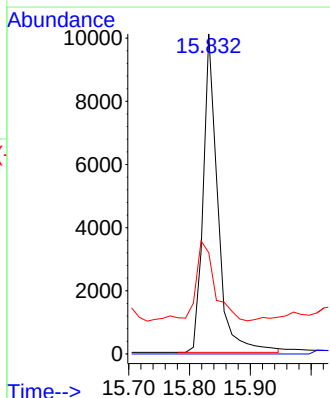
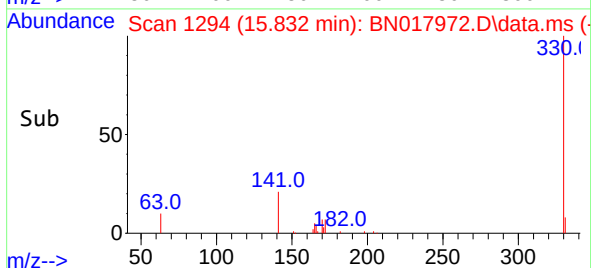
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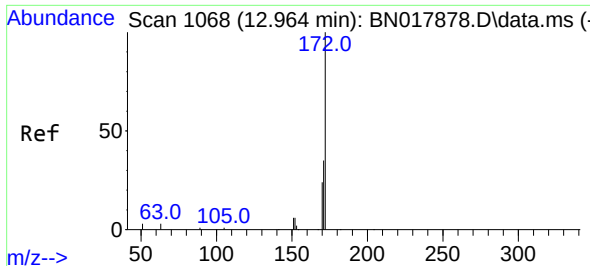


#14
2,4,6-Tribromophenol
Concen: 0.755 ng
RT: 15.832 min Scan# 1294
Delta R.T. -0.012 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06



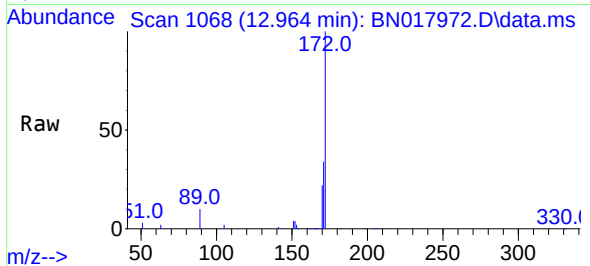
Tgt Ion:330 Resp: 16881
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 31.3 19.7 29.5#





#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

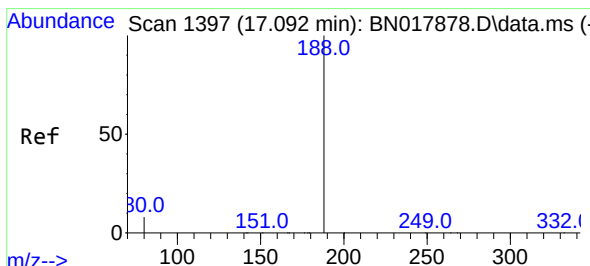
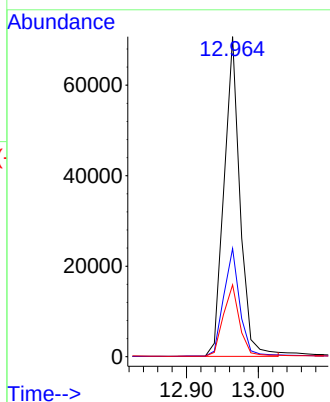
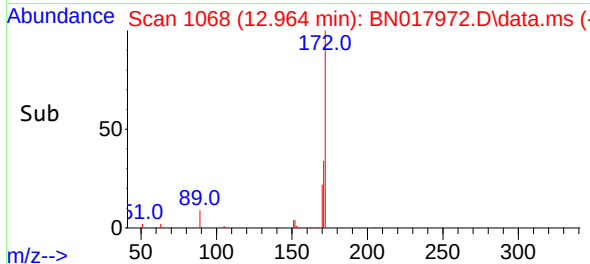
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BNA_N
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MW202D1-20211204



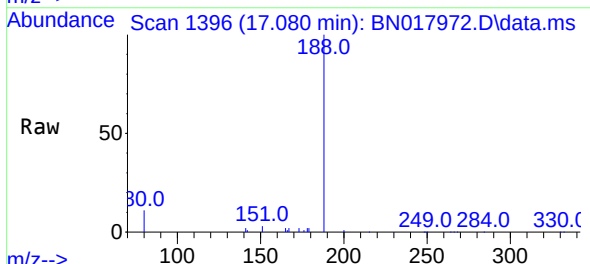
Tgt Ion:172 Resp: 108870
Ion Ratio Lower Upper
172 100
171 33.8 28.3 42.5
170 22.4 19.1 28.7

Manual Integrations
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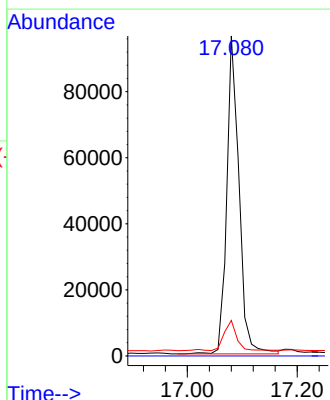
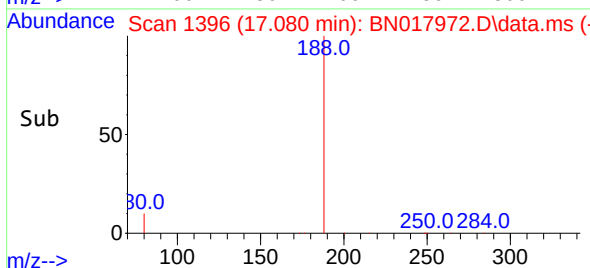
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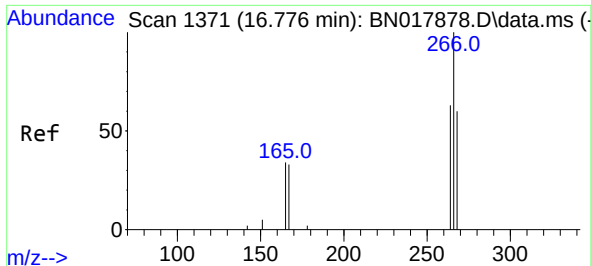


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06



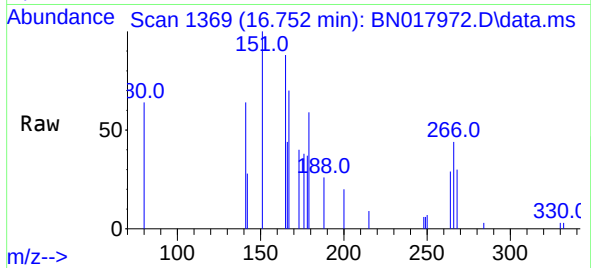
Tgt Ion:188 Resp: 149205
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 6.2 9.2#





#24
Pentachlorophenol
Concen: 0.604 ng
RT: 16.752 min Scan# 1369
Delta R.T. -0.024 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

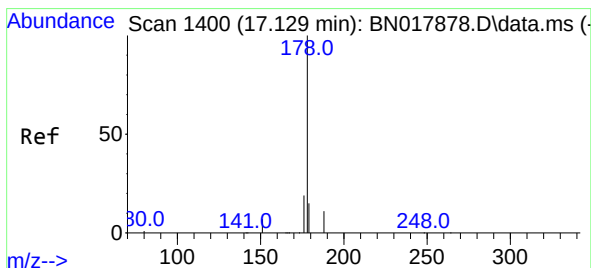
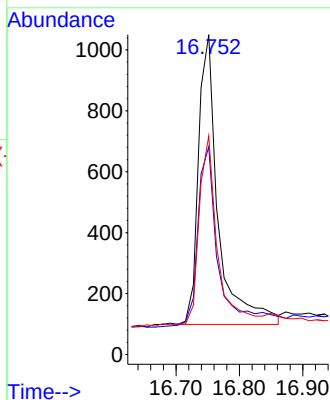
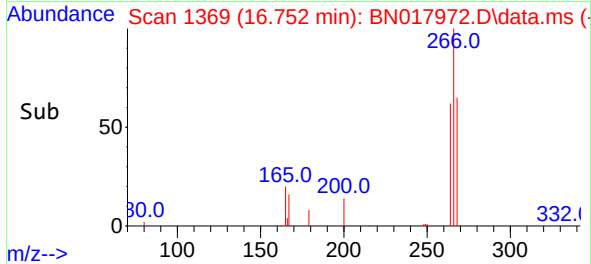
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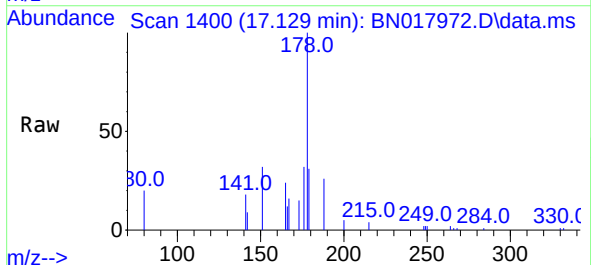
Tgt Ion:266 Resp: 2068
Ion Ratio Lower Upper
266 100
264 65.6 50.6 76.0
268 60.0 53.7 80.5

Manual Integrations
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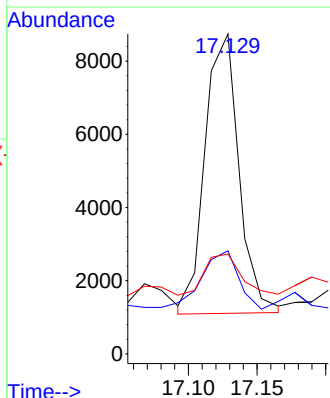
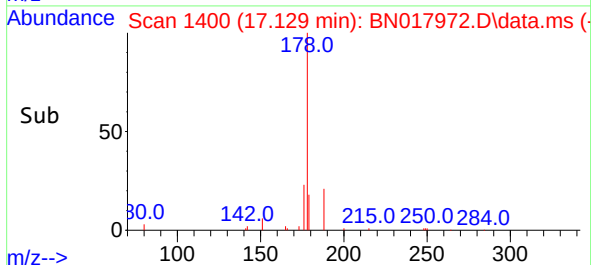
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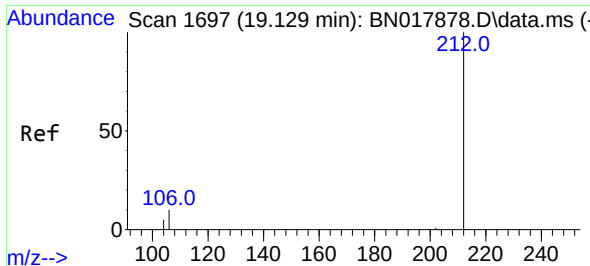


#25
Phenanthrene
Concen: 0.034 ng
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06



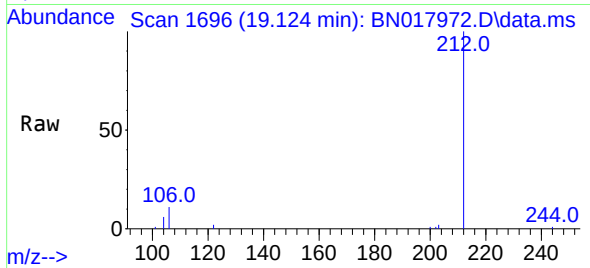
Tgt Ion:178 Resp: 13137
Ion Ratio Lower Upper
178 100
176 30.3 15.0 22.6#
179 16.6 12.4 18.6





#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.124 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

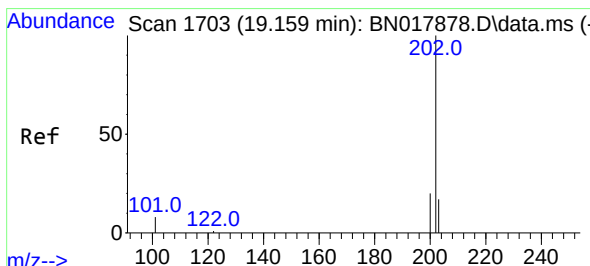
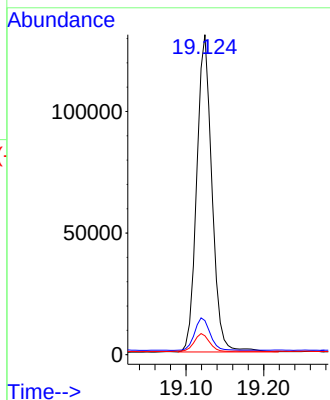
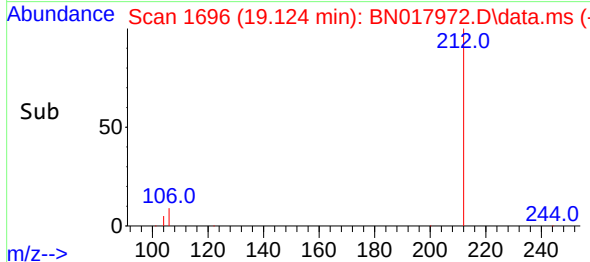
Instrument :
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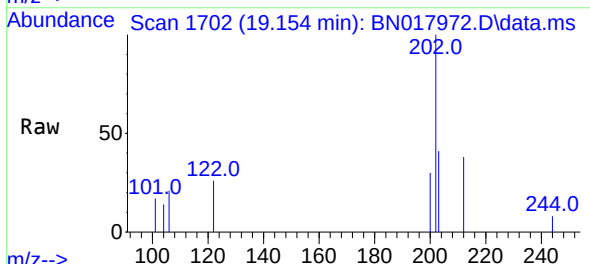
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Ion Ratio Lower Upper
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106 10.3 8.3 12.5
104 5.9 4.6 6.8

Manual Integrations
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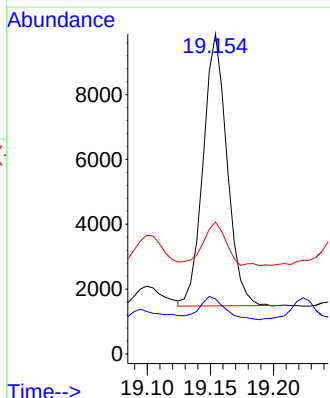
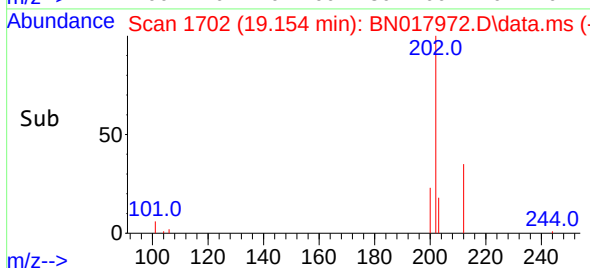
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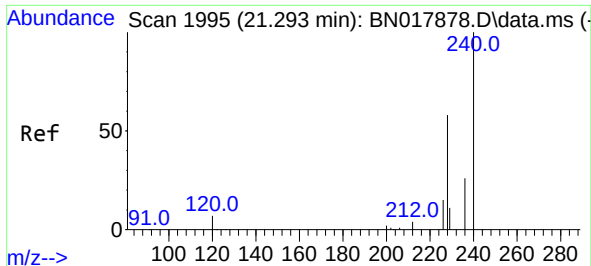


#28
Fluoranthene
Concen: 0.023 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06



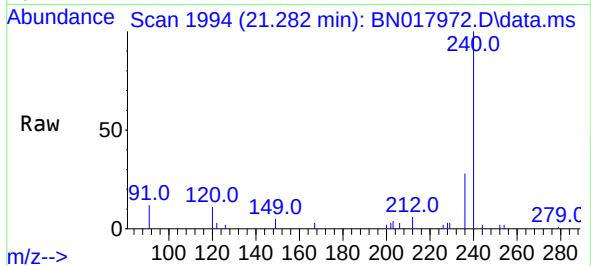
Tgt Ion:202 Resp: 11006
Ion Ratio Lower Upper
202 100
101 9.0 7.3 10.9
203 18.5 13.7 20.5





#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.282 min Scan# 1994
Delta R.T. -0.011 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

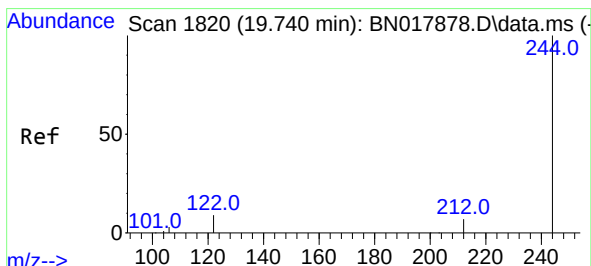
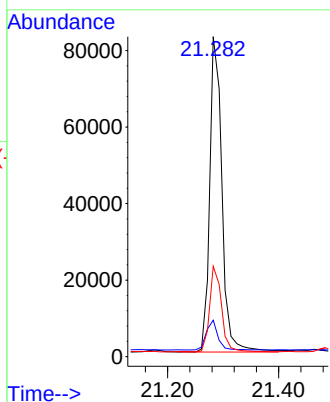
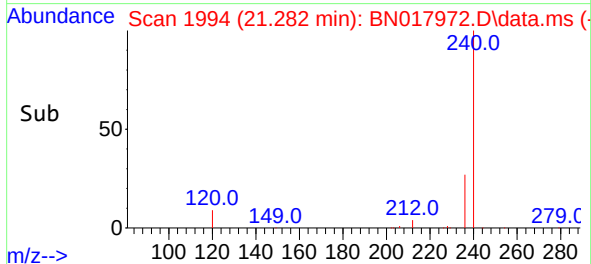
Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204



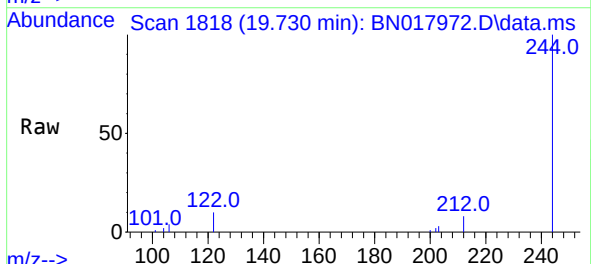
Tgt Ion:240 Resp: 126528
Ion Ratio Lower Upper
240 100
120 11.4 5.8 8.8
236 28.3 21.0 31.6

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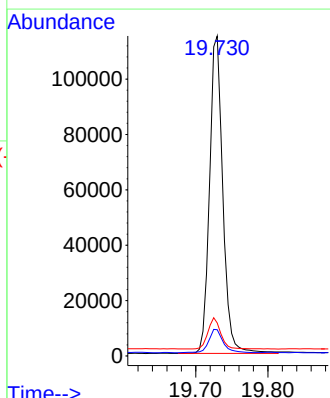
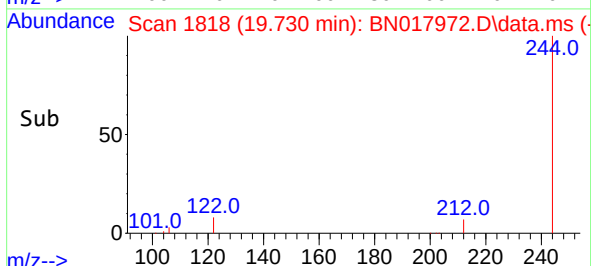
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021

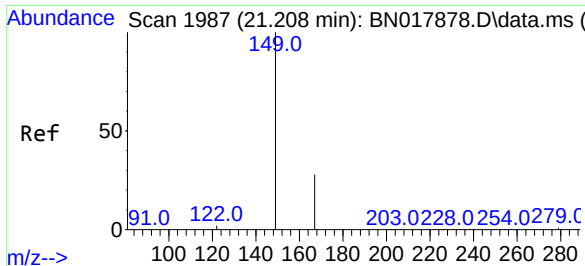


#31
Terphenyl-d14
Concen: 0.471 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06



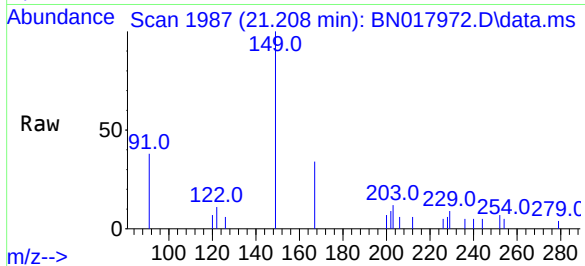
Tgt Ion:244 Resp: 146813
Ion Ratio Lower Upper
244 100
212 8.2 6.2 9.2
122 10.3 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.241 ng
RT: 21.208 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

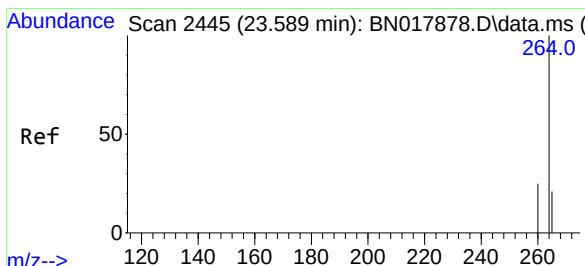
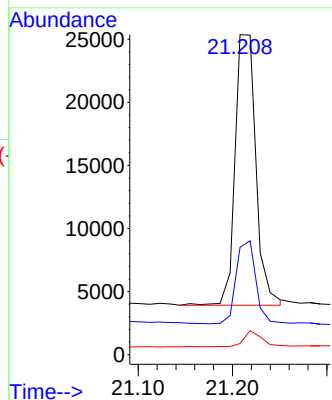
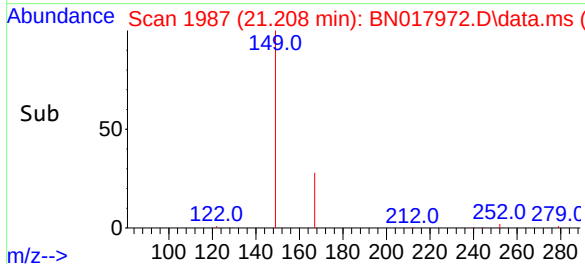
Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204



Tgt Ion:149 Resp: 32785
Ion Ratio Lower Upper
149 100
167 28.9 23.4 35.0
279 5.7 3.6 5.4

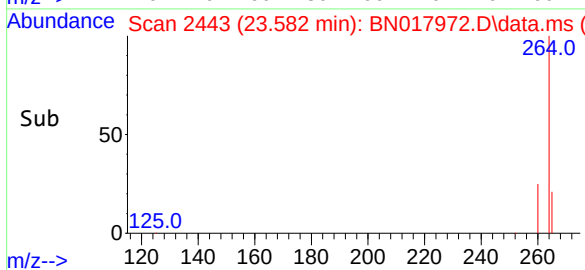
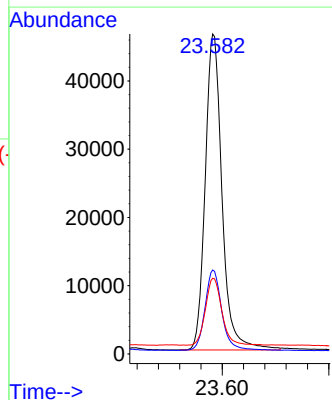
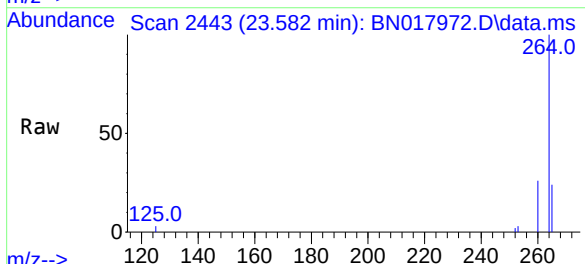
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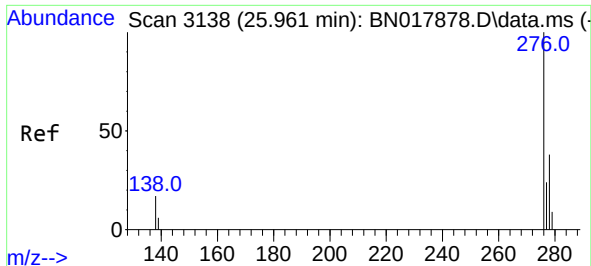
Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.582 min Scan# 2443
Delta R.T. -0.007 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

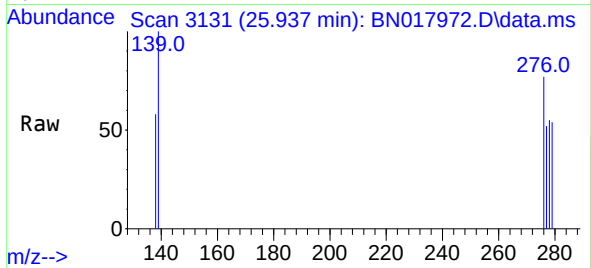
Tgt Ion:264 Resp: 101645
Ion Ratio Lower Upper
264 100
260 26.2 20.2 30.4
265 23.6 18.2 27.4





#36
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng
RT: 25.937 min Scan# 3137
Delta R.T. -0.024 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06

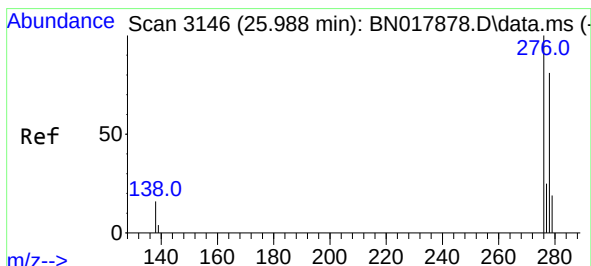
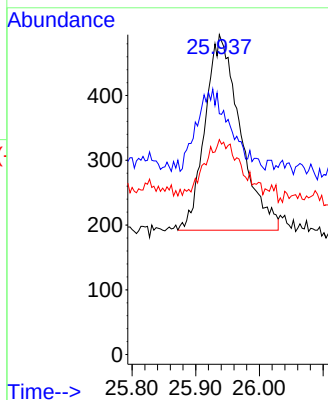
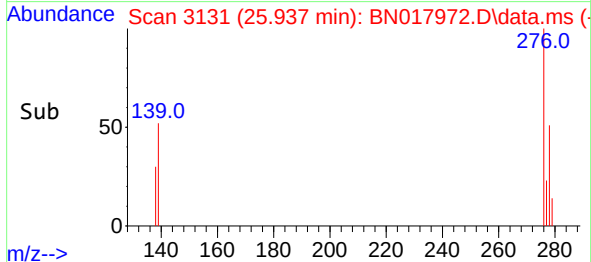
Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204



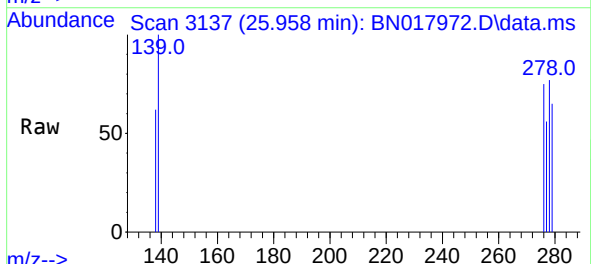
Tgt Ion:276 Resp: 116
Ion Ratio Lower Upper
276 100
138 17.5 15.2 22.8
277 27.0 19.8 29.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021



#40
Dibenzo(a,h)anthracene
Concen: 0.107 ng
RT: 25.958 min Scan# 3137
Delta R.T. -0.030 min
Lab File: BN017972.D
Acq: 13 Dec 2021 15:06



Tgt Ion:278 Resp: 876
Ion Ratio Lower Upper
278 100
139 129.1 12.0 18.0#
279 83.9 20.8 31.2#

