

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
 Data File : BN017938.D
 Acq On : 12 Dec 2021 13:41
 Operator : CG/JU
 Sample : M4957-08
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20211206

Quant Time: Dec 13 00:39:58 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
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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	7.705	152	27179	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	107128	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	74160	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	144389	0.400	ng	#-0.01
29) Chrysene-d12	21.293	240	105374	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	78938	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	5571	0.099	ng	0.00
5) Phenol-d6	6.903	99	3013	0.054	ng	0.00
8) Nitrobenzene-d5	8.846	82	18767	0.268	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	47359	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3375	0.416	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	74065	0.284	ng	0.00
27) Fluoranthene-d10	19.124	212	157131	0.336	ng	0.00
31) Terphenyl-d14	19.730	244	121737	0.469	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	21648m	2.625	ng	
9) Naphthalene	10.545	128	8668	0.033	ng	# 95
25) Phenanthrene	17.129	178	22660m	0.061	ng	
28) Fluoranthene	19.154	202	14682	0.032	ng	98
30) Pyrene	19.516	202	16822	0.041	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.208	149	1060371	9.373	ng	98

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

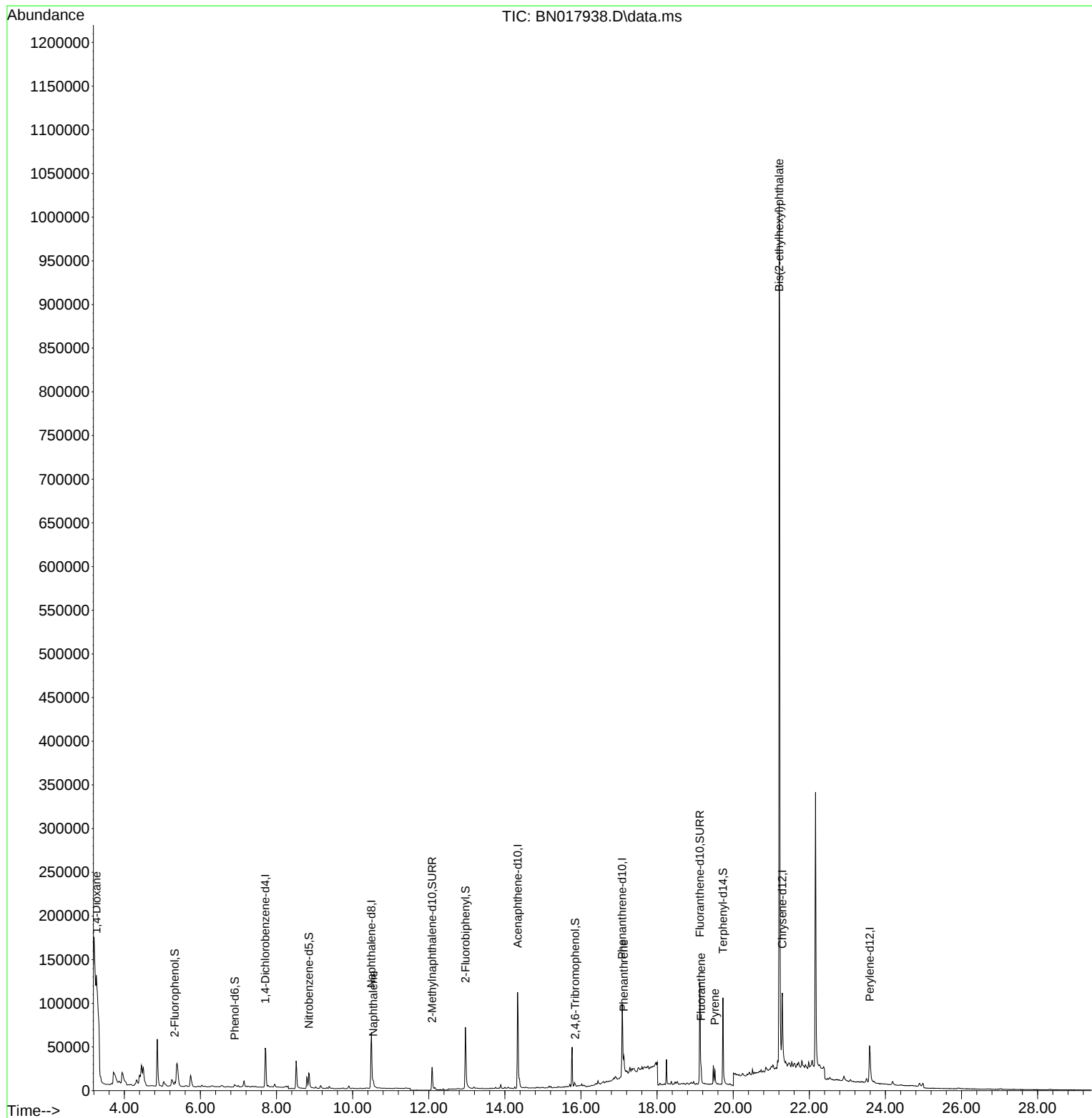
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
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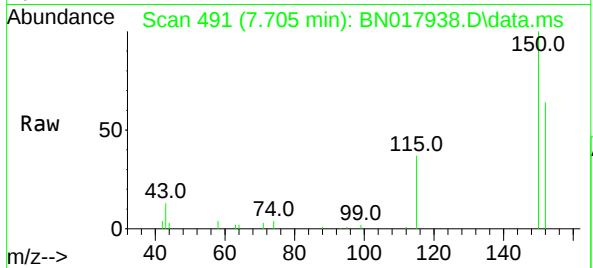
Reviewed By : Christian Giraldo 12/13/2021
Supervised By : Jagrut Upadhyay 12/13/2021





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.705 min Scan# 492
Delta R.T. -0.010 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

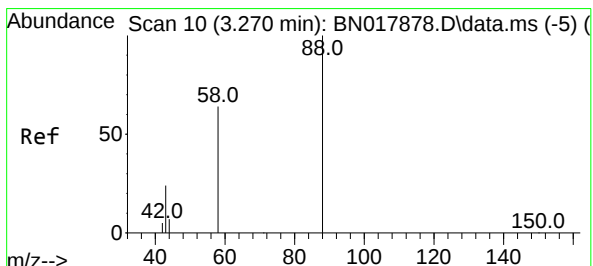
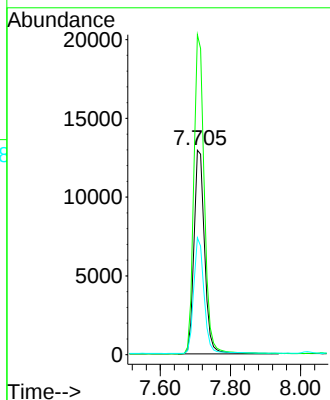
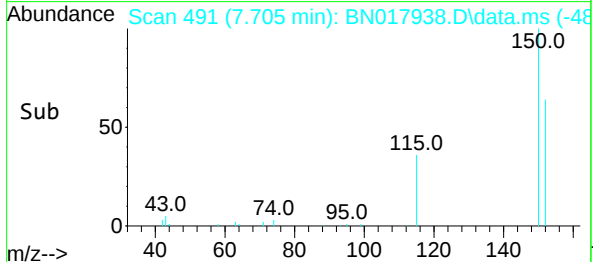
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206



Tgt Ion:152 Resp: 27179
Ion Ratio Lower Upper
152 100
150 156.5 121.9 182.9
115 57.2 44.1 66.1

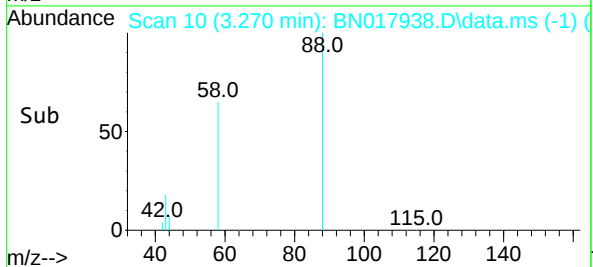
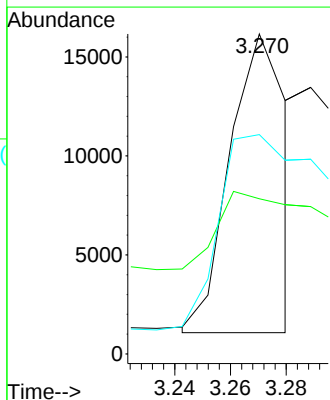
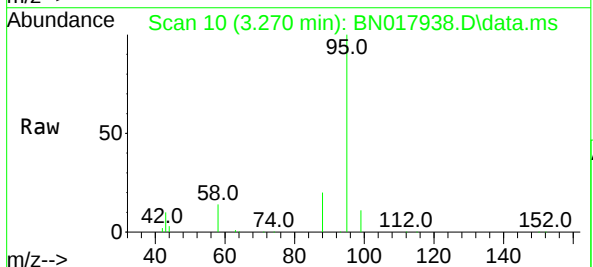
Manual Integrations
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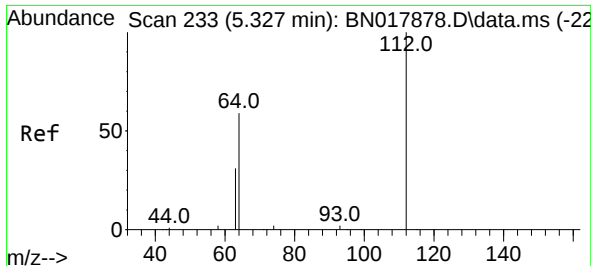
Reviewed By :Christian Giraldo 12/13/2021
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#2
1,4-Dioxane
Concen: 2.625 ng m
RT: 3.270 min Scan# 10
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

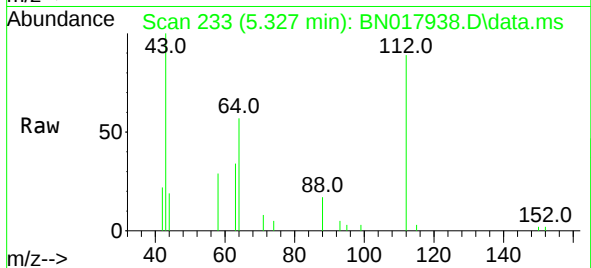
Tgt Ion: 88 Resp: 21648
Ion Ratio Lower Upper
88 100
43 44.9 28.0 42.0#
58 119.1 65.4 98.0#





#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.327 min Scan# 211
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

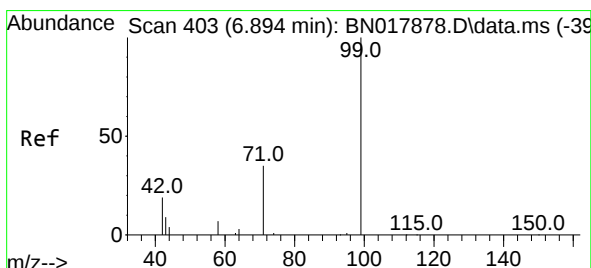
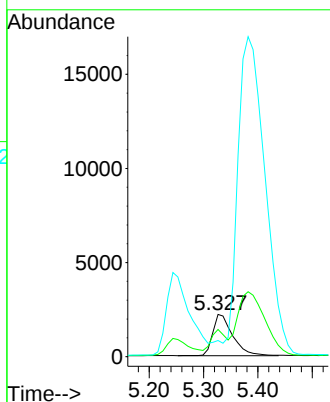
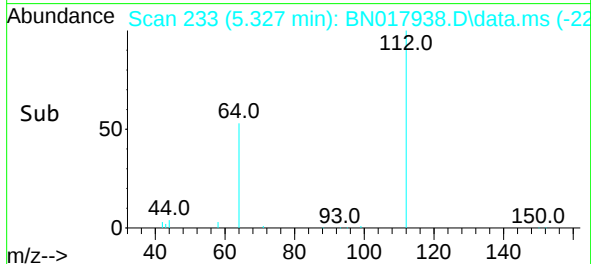
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206



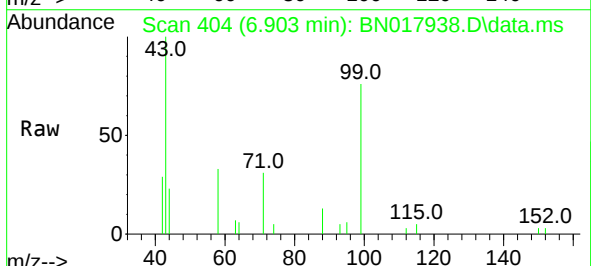
Tgt Ion: 112 Resp: 557
Ion Ratio Lower Upper
112 100
64 35.5 49.0 73.4
63 0.0 26.2 39.2

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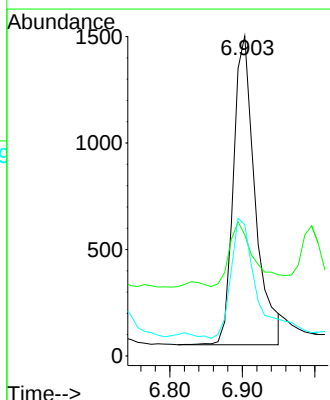
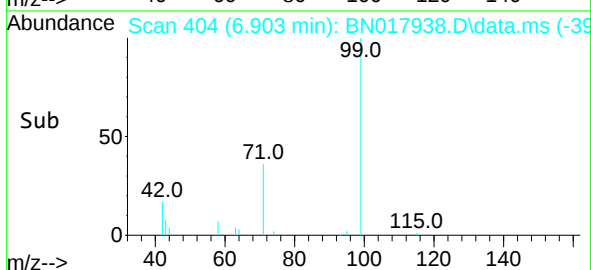
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#5
Phenol-d6
Concen: 0.054 ng
RT: 6.903 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41



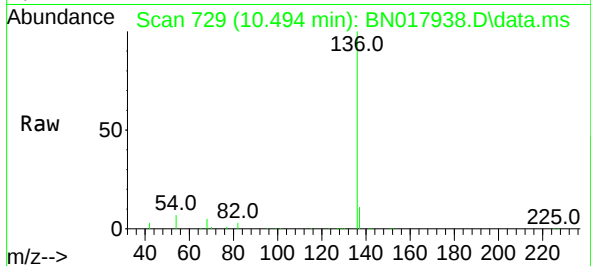
Tgt Ion: 99 Resp: 3013
Ion Ratio Lower Upper
99 100
42 23.7 17.0 25.4
71 42.9 28.0 42.0





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

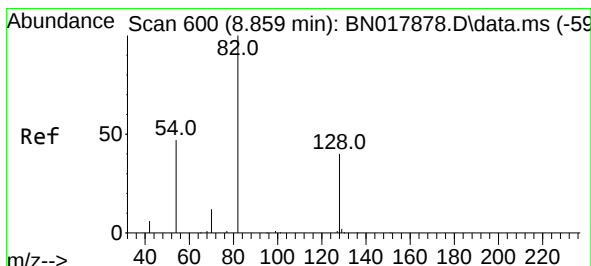
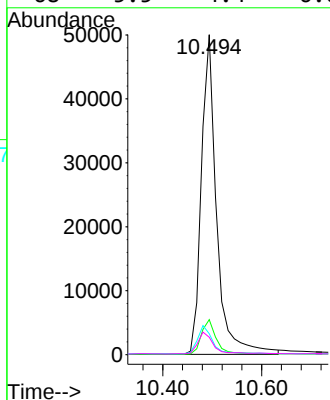
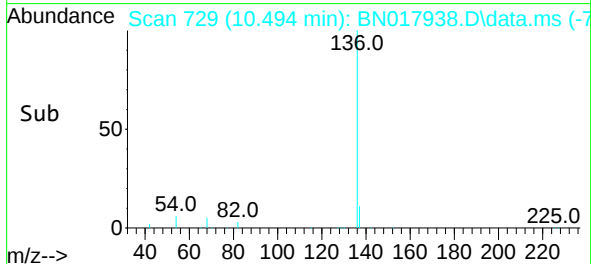
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206



Tgt Ion:136 Resp: 107128
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.6 5.1 7.7
68 5.5 4.4 6.6

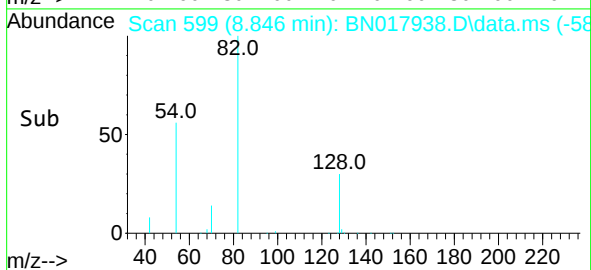
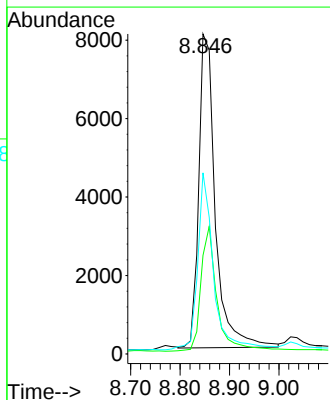
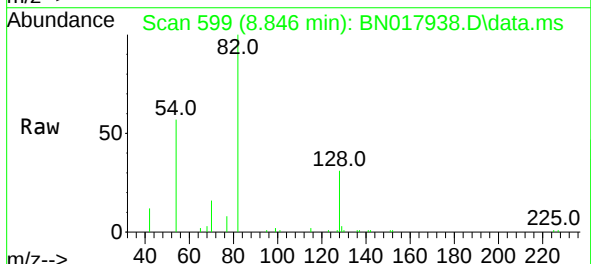
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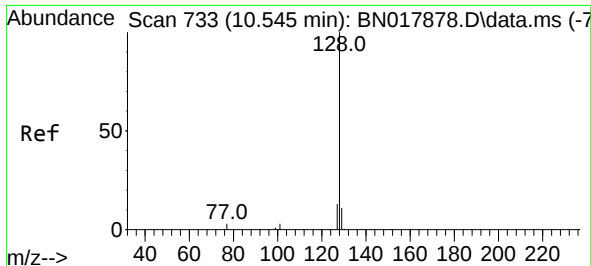
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#8
Nitrobenzene-d5
Concen: 0.268 ng
RT: 8.846 min Scan# 599
Delta R.T. -0.013 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

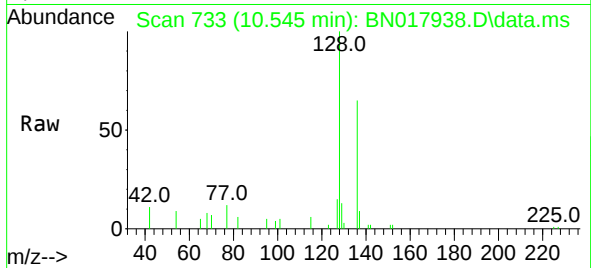
Tgt Ion: 82 Resp: 18767
Ion Ratio Lower Upper
82 100
128 30.8 32.2 48.4#
54 56.6 37.6 56.4#





#9
Naphthalene
Concen: 0.033 ng
RT: 10.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

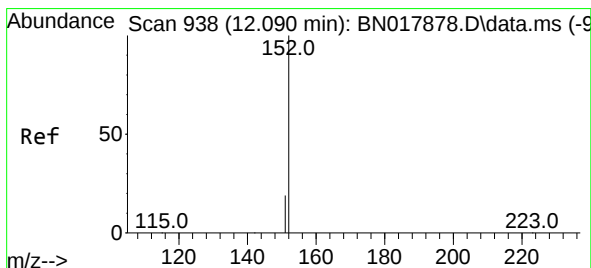
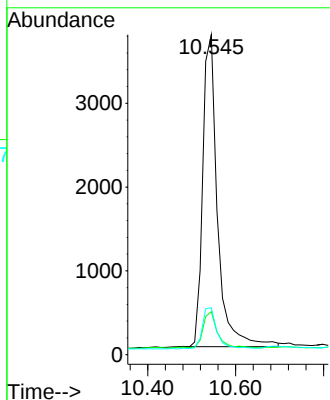
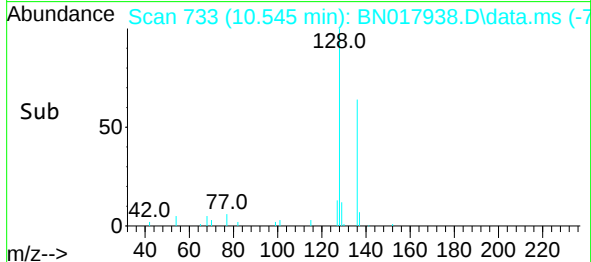
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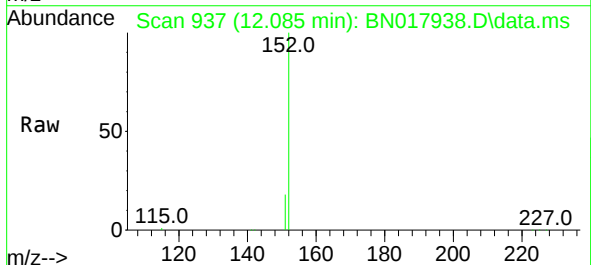
Tgt Ion:128 Resp: 866
Ion Ratio Lower Upper
128 100
129 13.5 8.8 13.2
127 14.7 10.5 15.7

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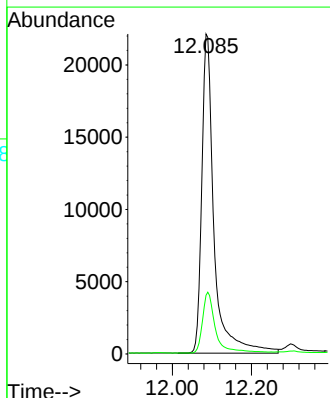
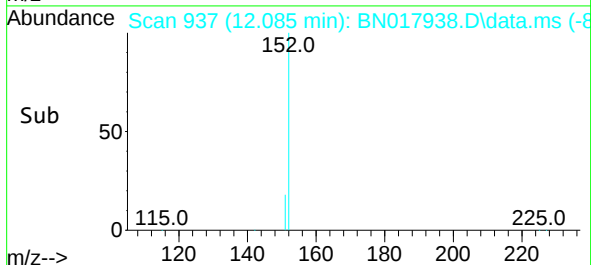
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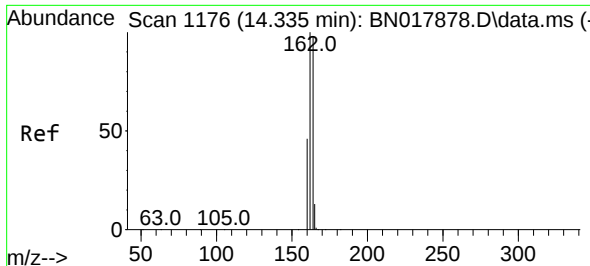


#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.085 min Scan# 937
Delta R.T. -0.004 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41



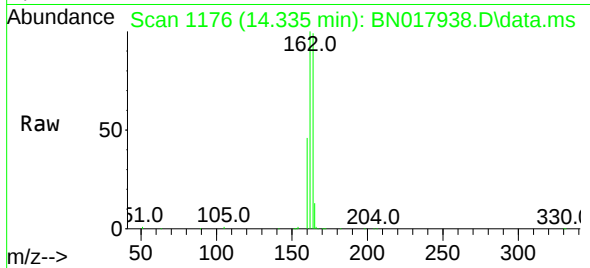
Tgt Ion:152 Resp: 47359
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

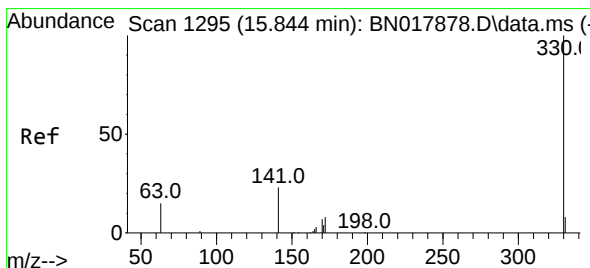
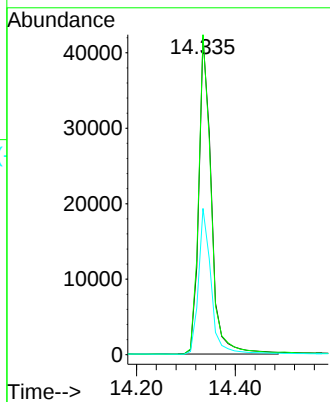
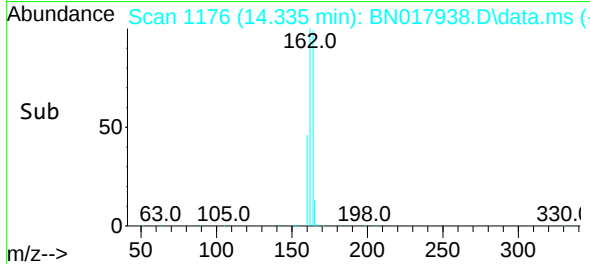
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ClientSampleId :
RE125D3-20211206



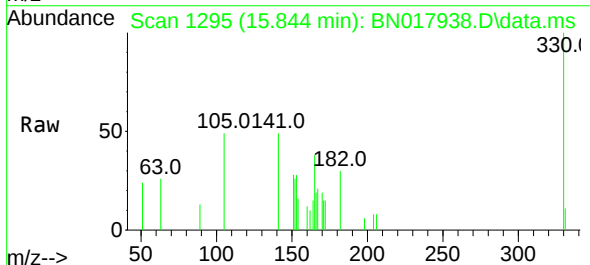
Tgt Ion:164 Resp: 74160
Ion Ratio Lower Upper
164 100
162 100.9 82.1 123.1
160 46.1 38.2 57.2

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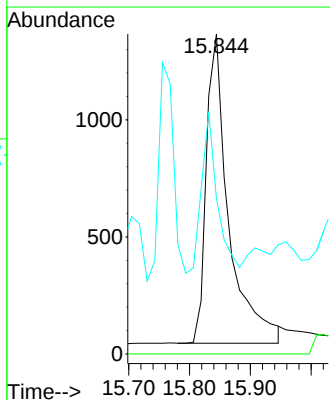
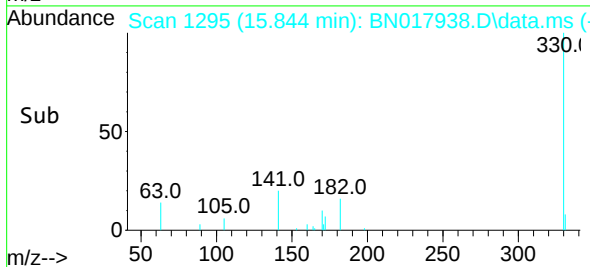
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

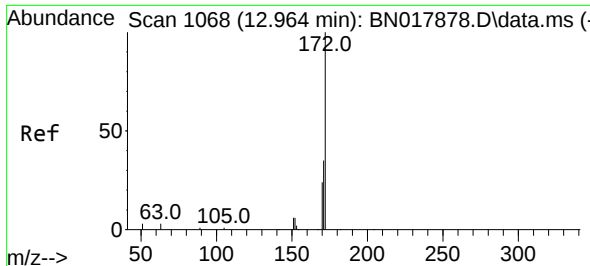


#14
2,4,6-Tribromophenol
Concen: 0.416 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41



Tgt Ion:330 Resp: 3375
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 36.9 19.7 29.5





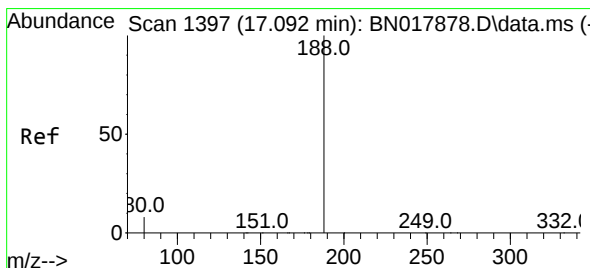
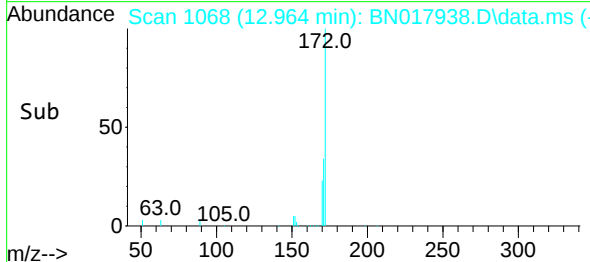
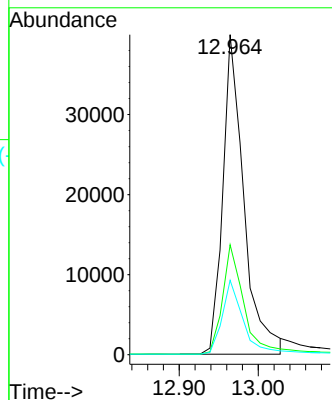
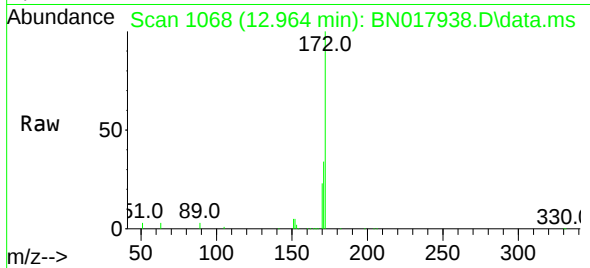
#15
2-Fluorobiphenyl
Concen: 0.284 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206

Tgt Ion:172 Resp: 7406
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.2 19.1 28.7

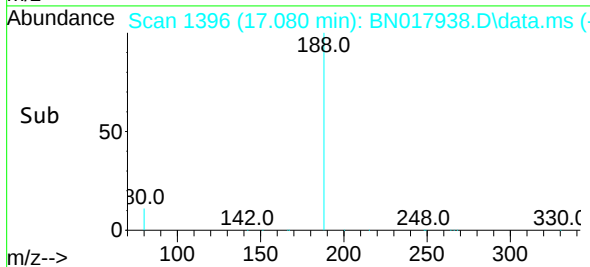
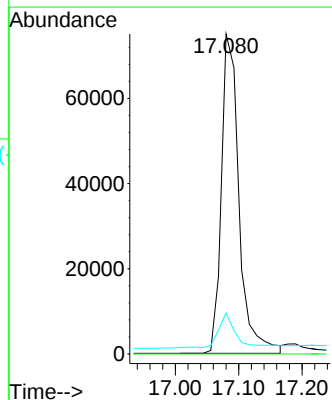
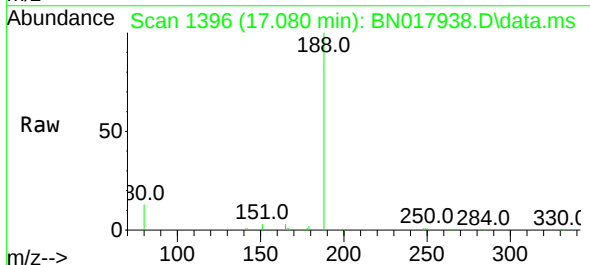
Manual Integrations
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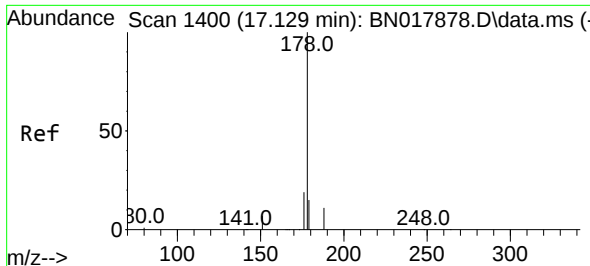
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.080 min Scan# 1396
Delta R.T. -0.012 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

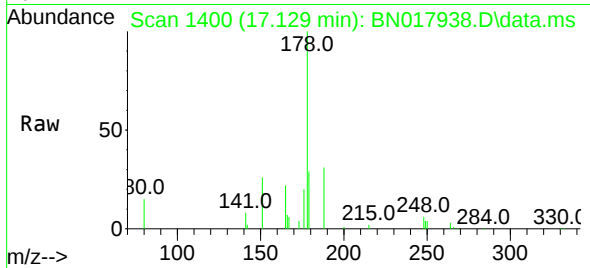
Tgt Ion:188 Resp: 144389
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 6.2 9.2#





#25
Phenanthrene
Concen: 0.061 ng m
RT: 17.129 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

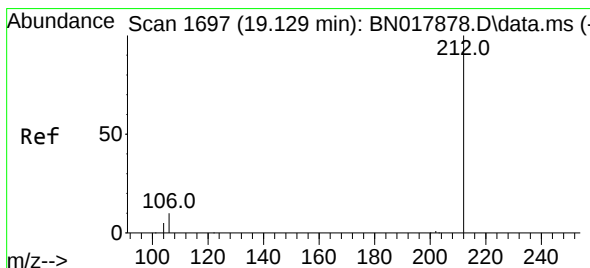
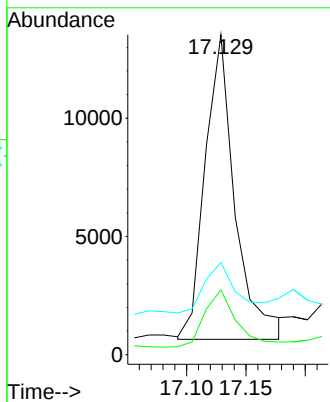
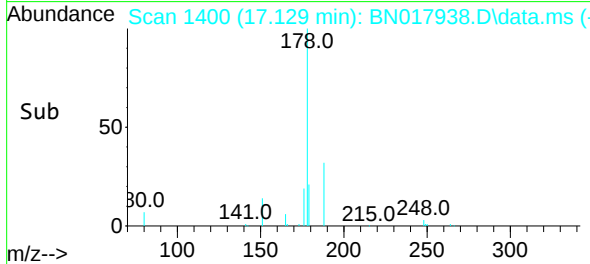
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206



Tgt Ion:178 Resp: 22660
Ion Ratio Lower Upper
178 100
176 20.5 15.0 22.6
179 27.3 12.4 18.6

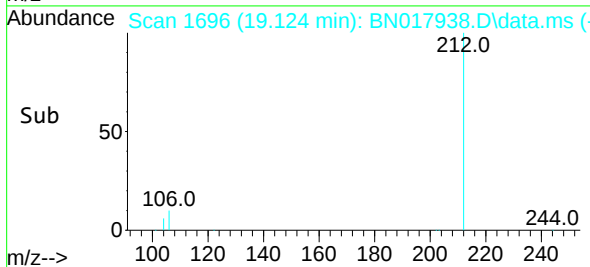
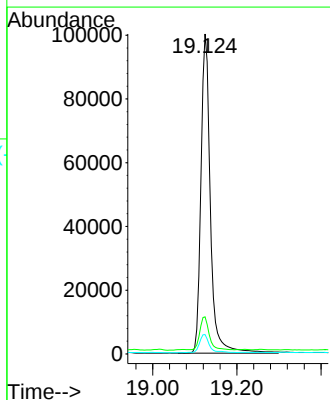
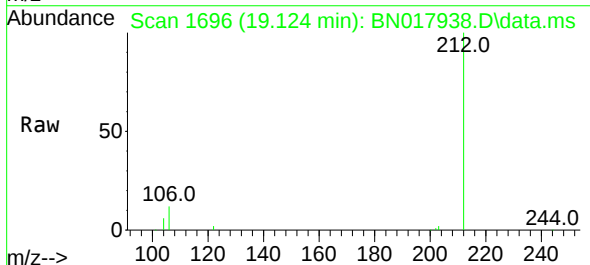
Manual Integrations
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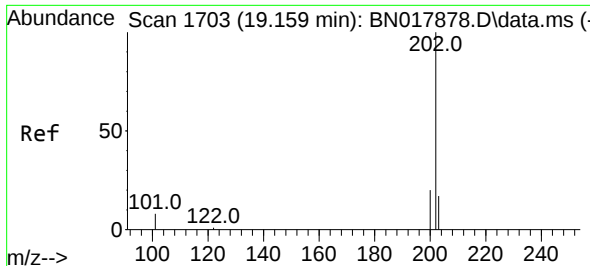
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.124 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

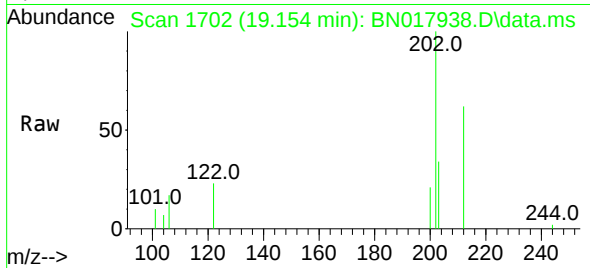
Tgt Ion:212 Resp: 157131
Ion Ratio Lower Upper
212 100
106 10.2 8.3 12.5
104 6.0 4.6 6.8





#28
Fluoranthene
Concen: 0.032 ng
RT: 19.154 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

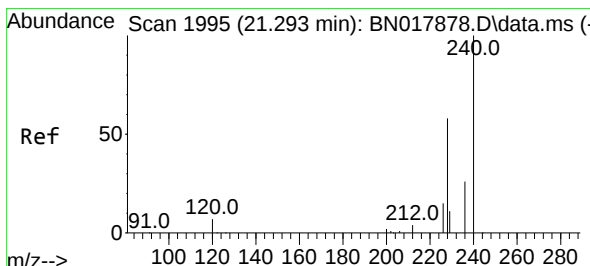
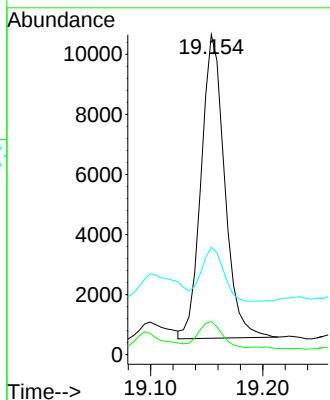
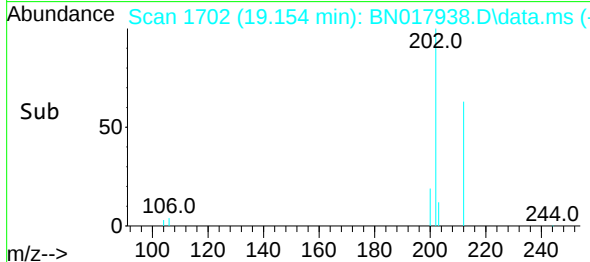
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206



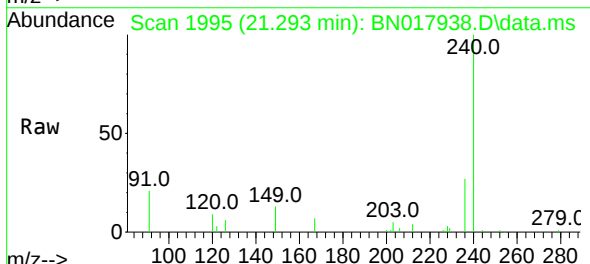
Tgt Ion:202 Resp: 14682
Ion Ratio Lower Upper
202 100
101 8.3 7.3 10.9
203 18.0 13.7 20.5

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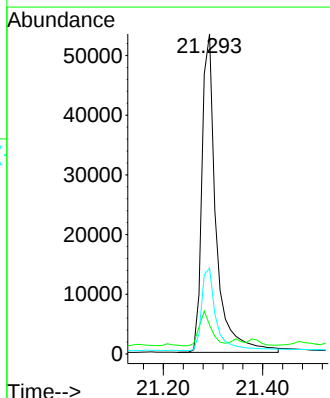
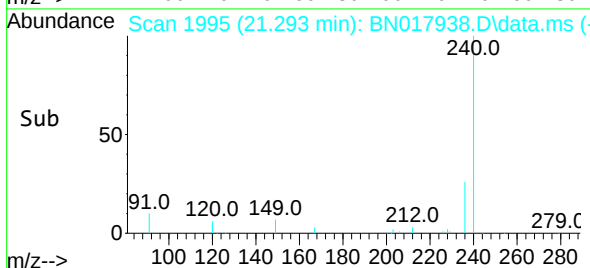
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

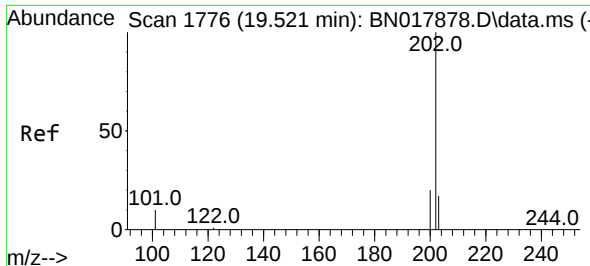


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41



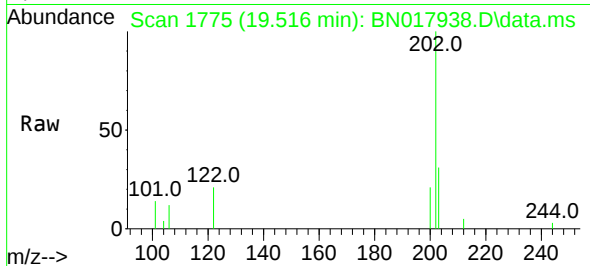
Tgt Ion:240 Resp: 105374
Ion Ratio Lower Upper
240 100
120 9.1 5.8 8.8#
236 26.8 21.0 31.6





#30
Pyrene
Concen: 0.041 ng
RT: 19.516 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

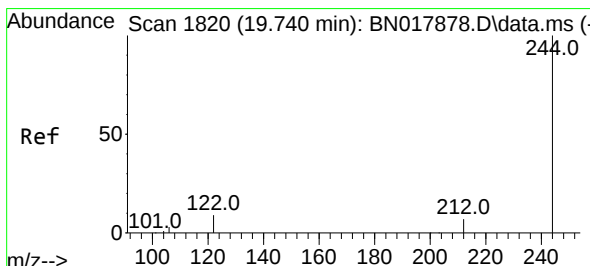
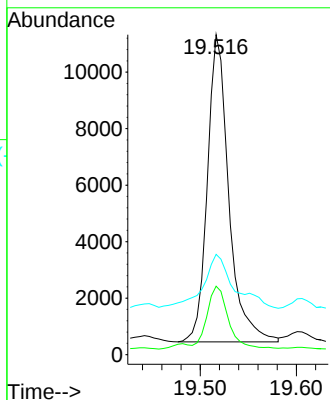
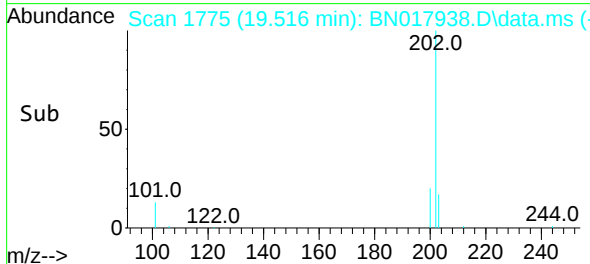
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206



Tgt Ion:202 Resp: 1682
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 25.3 14.0 21.0

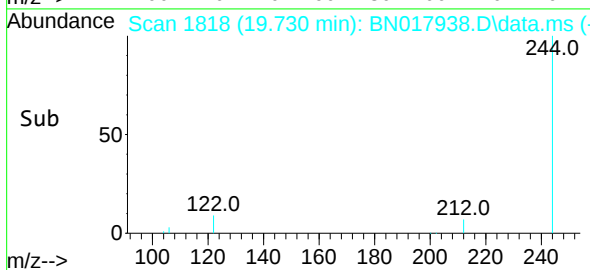
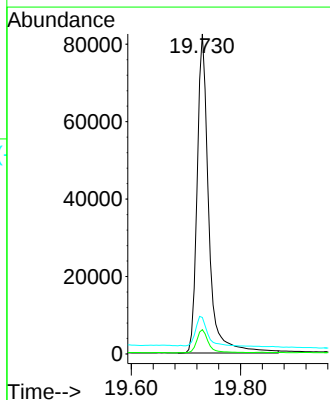
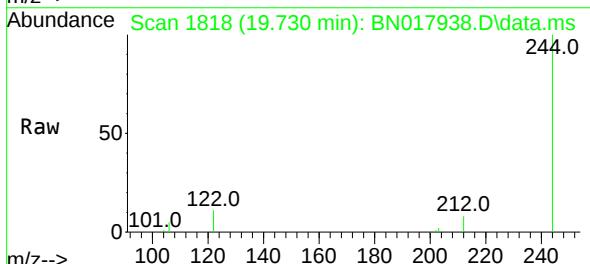
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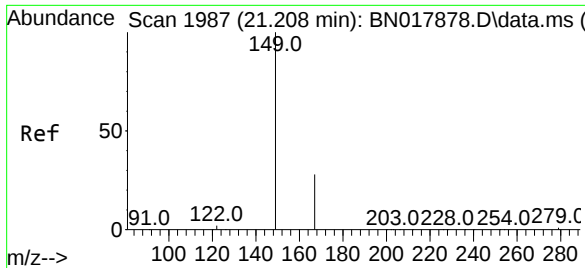
Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021



#31
Terphenyl-d14
Concen: 0.469 ng
RT: 19.730 min Scan# 1818
Delta R.T. -0.010 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

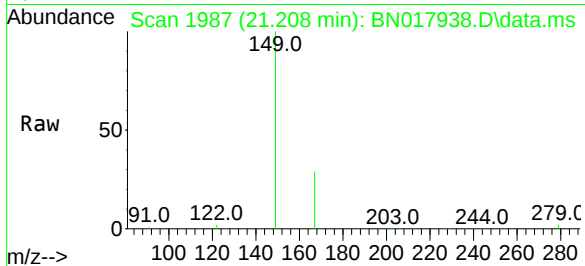
Tgt Ion:244 Resp: 121737
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 11.4 7.5 11.3





#34
Bis(2-ethylhexyl)phthalate
Concen: 9.373 ng
RT: 21.208 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

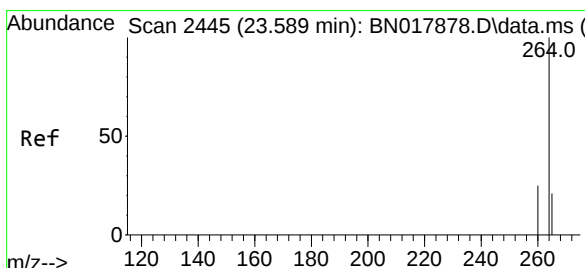
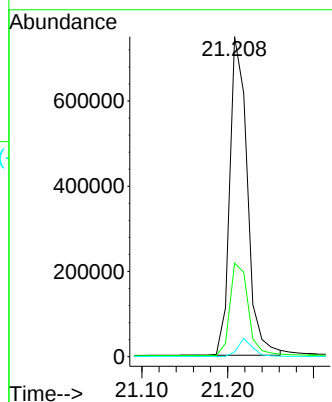
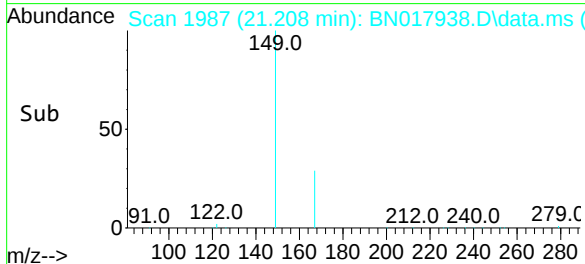
Instrument :
BNA_N
ClientSampleId :
RE125D3-20211206



Tgt Ion:149 Resp: 106037
Ion Ratio Lower Upper
149 100
167 30.2 23.4 35.0
279 4.9 3.6 5.4

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



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 2444
Delta R.T. -0.003 min
Lab File: BN017938.D
Acq: 12 Dec 2021 13:41

Tgt Ion:264 Resp: 78938
Ion Ratio Lower Upper
264 100
260 25.5 20.2 30.4
265 22.9 18.2 27.4

