

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017718.D
 Acq On : 04 Dec 2021 08:53
 Operator : CG/JU
 Sample : M4917-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-31

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

Quant Time: Dec 06 02:13:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 23:07:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	19652	0.40	ng	0.00
7) Naphthalene-d8	10.535	136	80786	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	59645	0.40	ng	# 0.00
19) Phenanthrene-d10	17.116	188	109447	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	122242	0.40	ng	# 0.00
35) Perylene-d12	23.613	264	118142	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.376	112	9307	0.20	ng	0.02
5) Phenol-d6	6.943	99	5814	0.12	ng	0.02
8) Nitrobenzene-d5	8.900	82	18792	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	44752	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	17547	0.60	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	77167	0.34	ng	0.00
27) Fluoranthene-d10	19.179	212	143515	0.40	ng	0.03
31) Terphenyl-d14	19.754	244	136381	0.50	ng	0.00
Target Compounds						
9) Naphthalene	10.586	128	382074	1.85	ng	Qvalue 98
12) 2-Methylnaphthalene	12.195	142	38588	0.29	ng	# 88
17) Acenaphthene	14.435	154	20607	0.13	ng	98
18) Fluorene	15.425	166	13970	0.07	ng	# 96
24) Pentachlorophenol	16.776	266	413	0.29	ng	86
25) Phenanthrene	17.153	178	16937m	0.06	ng	
26) Anthracene	17.250	178	5532	0.02	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.240	149	17412	0.15	ng	# 89

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

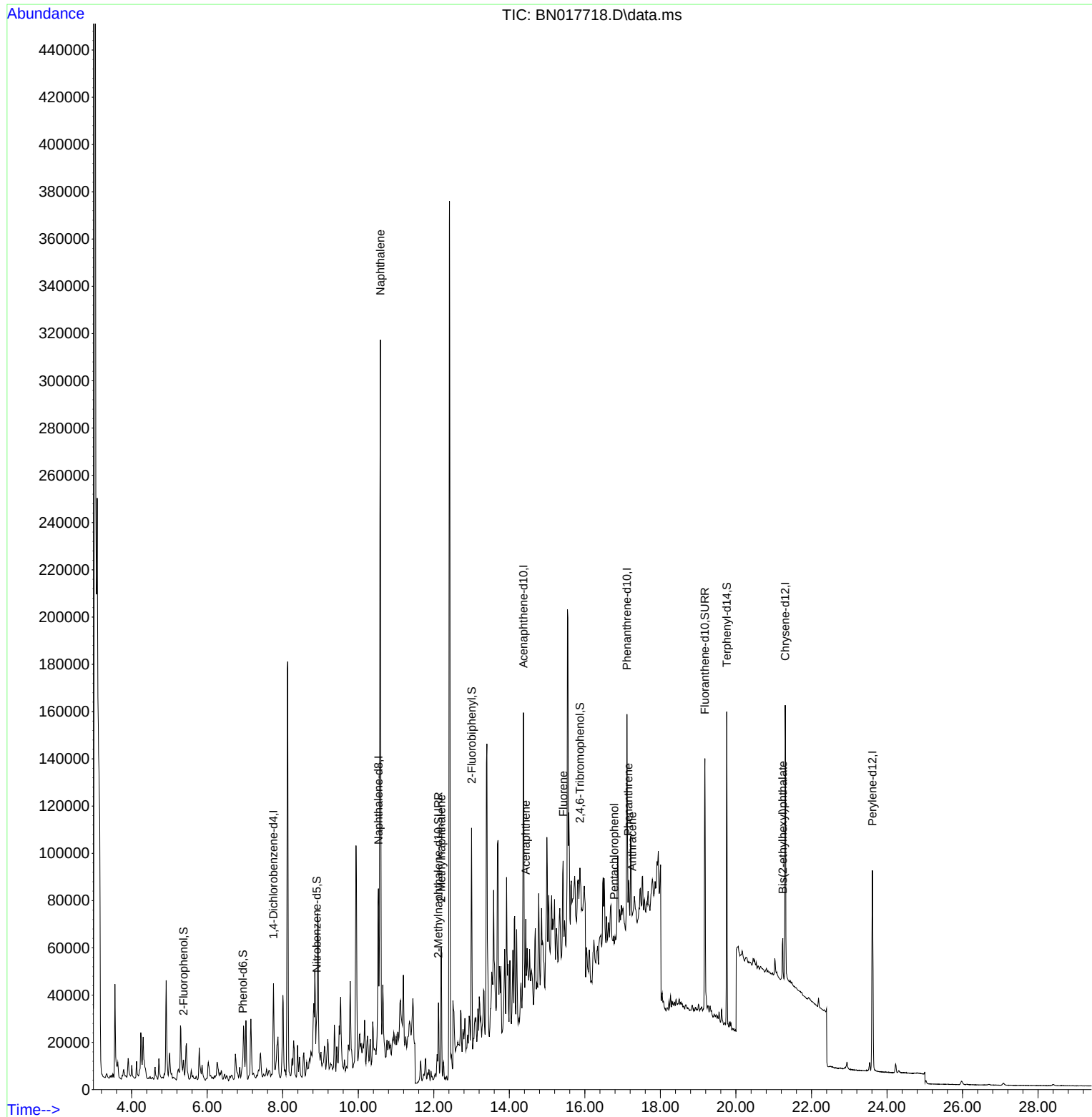
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
Data File : BN017718.D
Acq On : 04 Dec 2021 08:53
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Sample : M4917-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

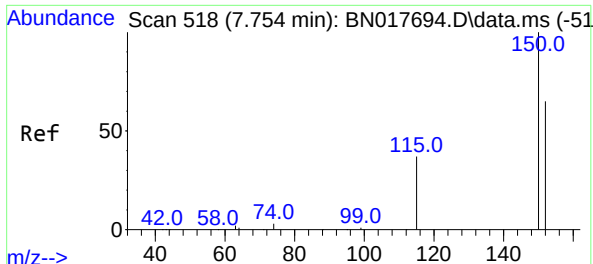
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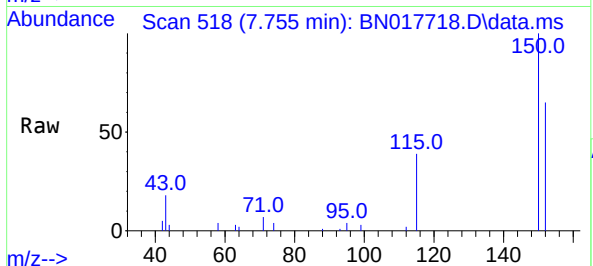
Quant Time: Dec 06 02:13:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 23:07:38 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.755 min Scan# 518
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

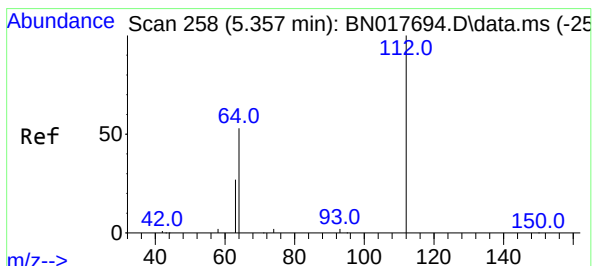
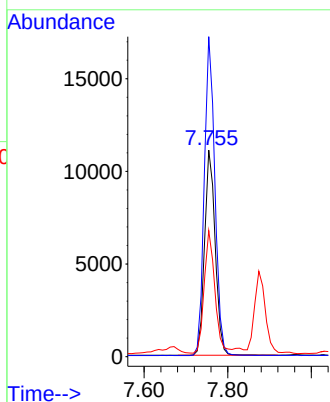
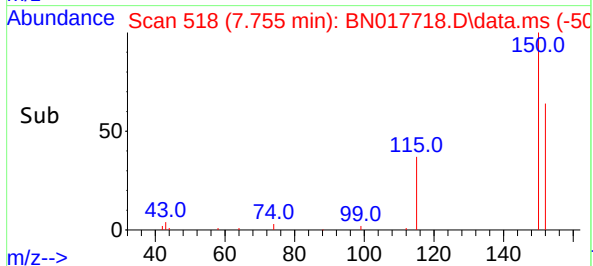
Instrument :
BNA_N
ClientSampleId :
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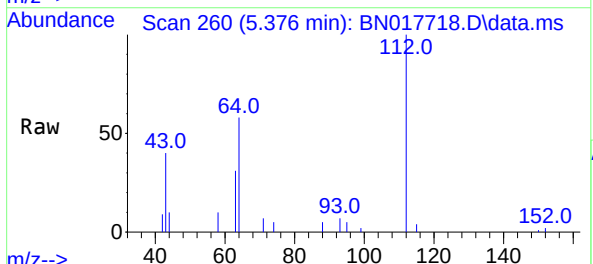
Tgt Ion:152 Resp: 19652
Ion Ratio Lower Upper
152 100
150 154.9 123.0 184.4
115 61.0 45.6 68.4

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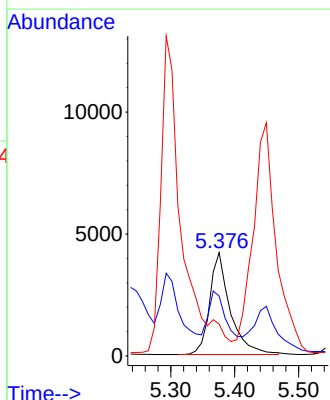
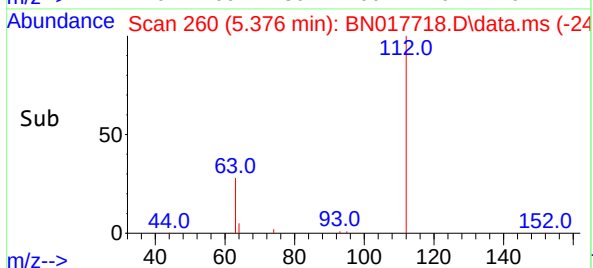
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

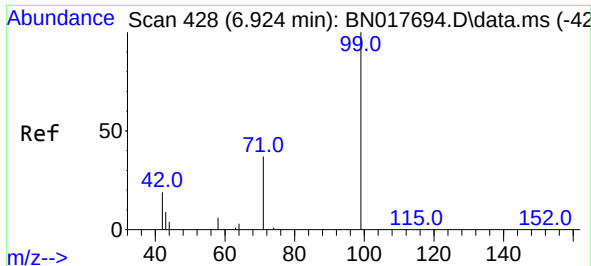


#4
2-Fluorophenol
Concen: 0.20 ng
RT: 5.376 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53



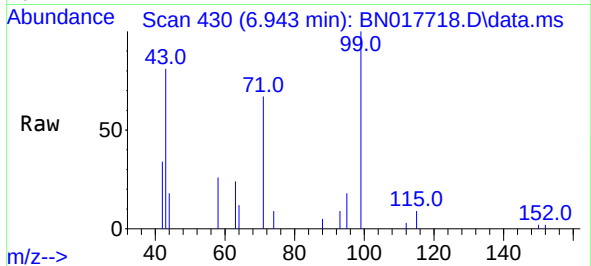
Tgt Ion:112 Resp: 9307
Ion Ratio Lower Upper
112 100
64 31.9 47.6 71.4#
63 0.0 24.6 37.0#





#5
Phenol-d6
Concen: 0.12 ng
RT: 6.943 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

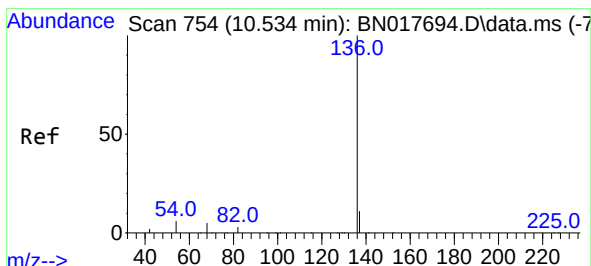
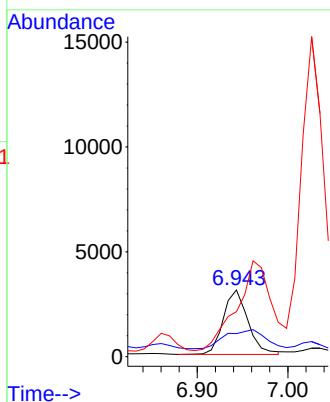
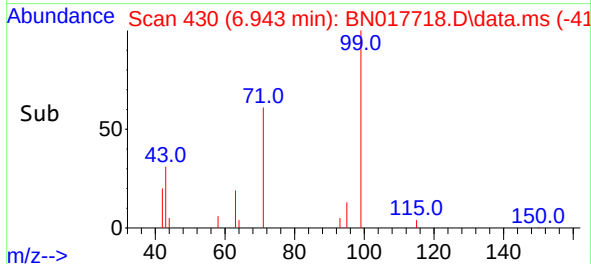
Instrument :
BNA_N
ClientSampleId :
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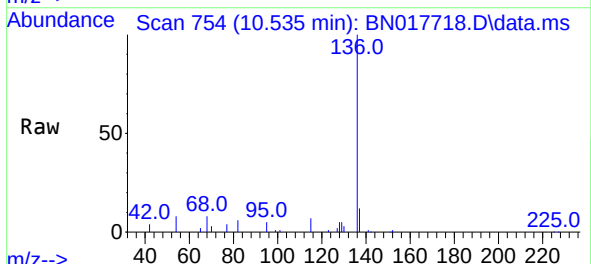
Tgt Ion: 99 Resp: 5814
Ion Ratio Lower Upper
99 100
42 47.2 17.0 25.6
71 186.9 24.8 37.2

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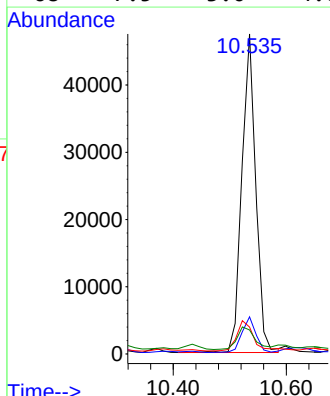
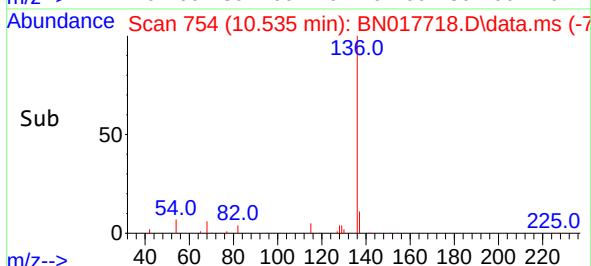
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

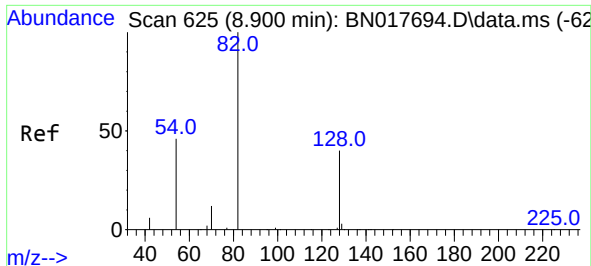


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53



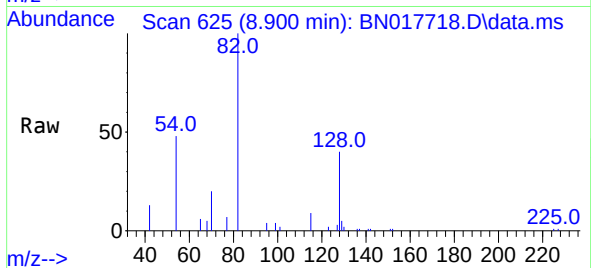
Tgt Ion:136 Resp: 80786
Ion Ratio Lower Upper
136 100
137 11.6 8.8 13.2
54 8.4 4.0 6.0#
68 7.5 3.0 4.6#





#8
Nitrobenzene-d5
Concen: 0.48 ng
RT: 8.900 min Scan# 612
Delta R.T. 0.000 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

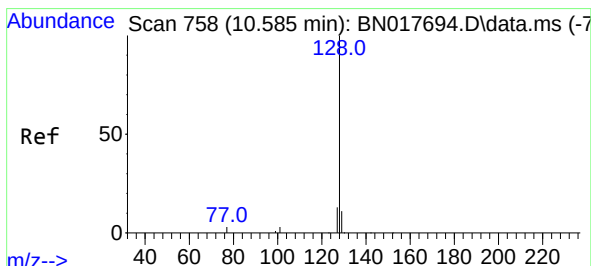
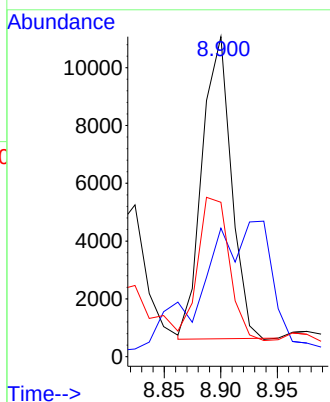
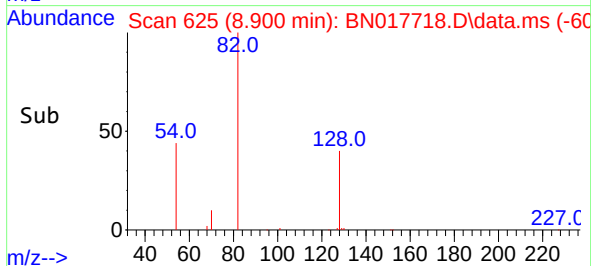
Instrument :
BNA_N
ClientSampleId :
MW-31



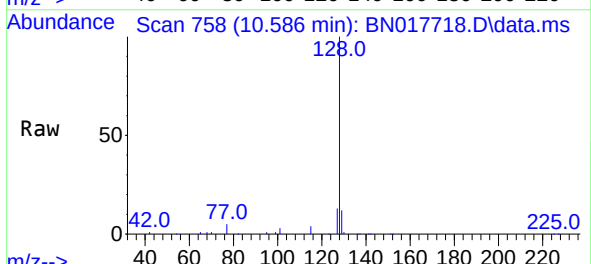
Tgt Ion: 82 Resp: 18792
Ion Ratio Lower Upper
82 100
128 40.1 27.7 41.5
54 48.3 49.2 73.8

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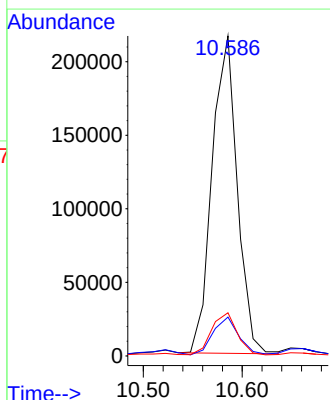
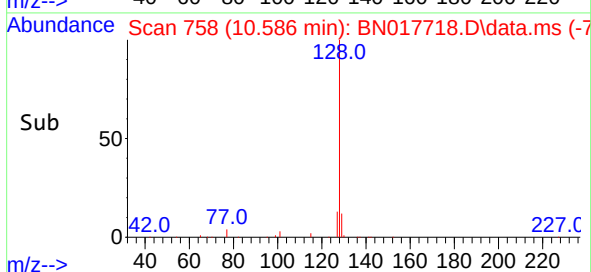
Reviewed By :Jagrut Upadhyay 12/06/2021
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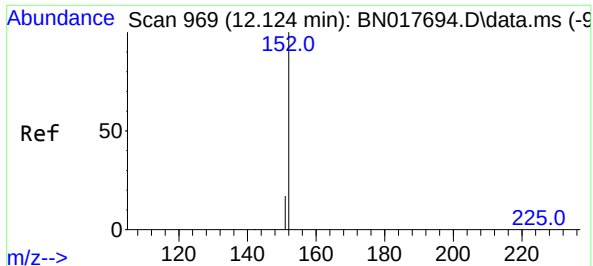


#9
Naphthalene
Concen: 1.85 ng
RT: 10.586 min Scan# 758
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53



Tgt Ion:128 Resp: 382074
Ion Ratio Lower Upper
128 100
129 12.1 8.8 13.2
127 13.5 10.6 15.8





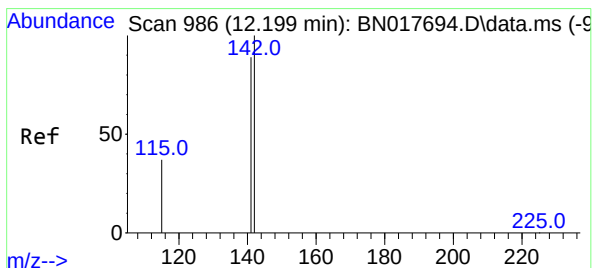
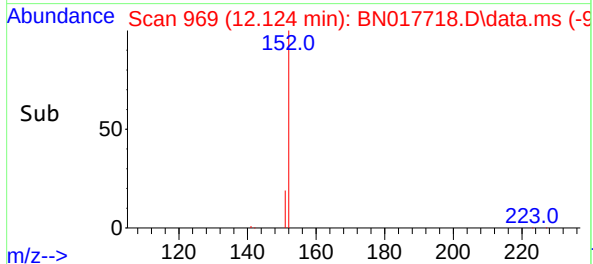
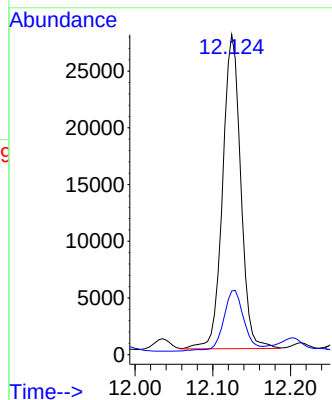
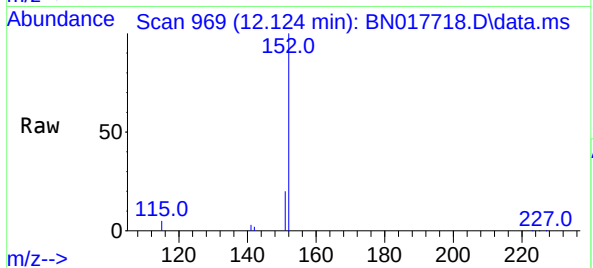
#11
2-Methylnaphthalene-d10
Concen: 0.31 ng
RT: 12.124 min Scan# 901
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

Instrument :
BNA_N
ClientSampleId :
MW-31

Tgt Ion:152 Resp: 44752
Ion Ratio Lower Upper
152 100
151 22.2 16.2 24.4

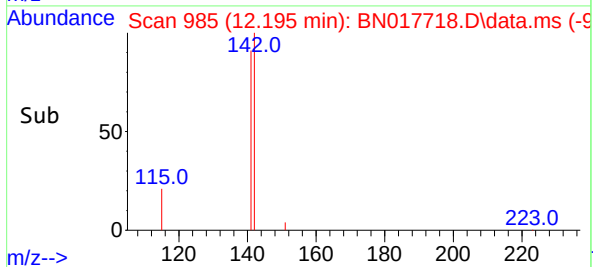
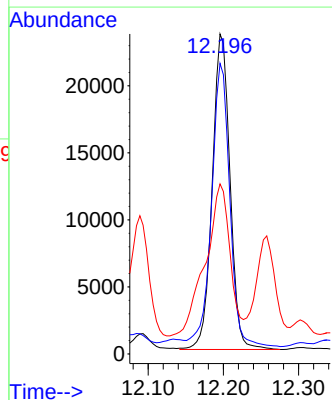
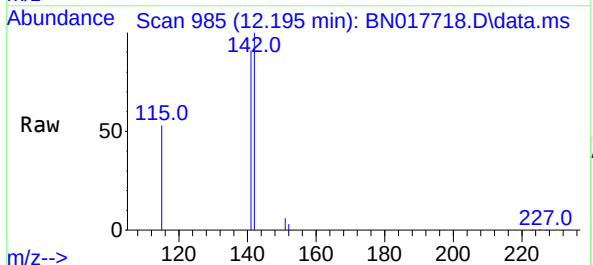
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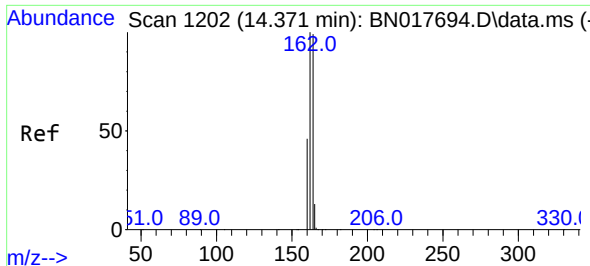
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#12
2-Methylnaphthalene
Concen: 0.29 ng
RT: 12.195 min Scan# 985
Delta R.T. -0.004 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

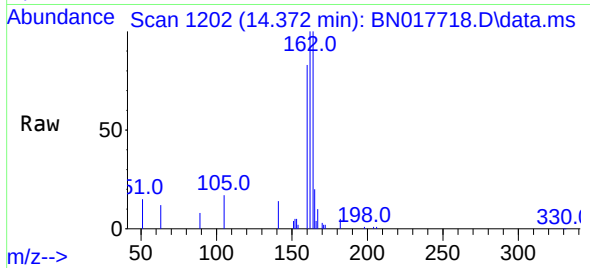
Tgt Ion:142 Resp: 38588
Ion Ratio Lower Upper
142 100
141 90.8 70.6 106.0
115 53.1 25.8 38.6#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1202
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

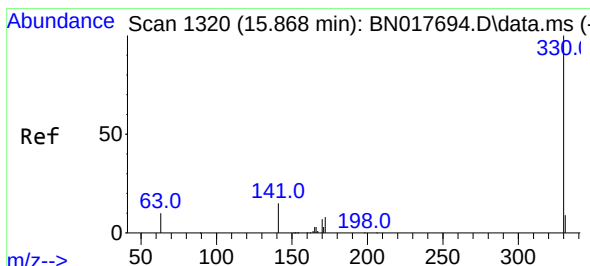
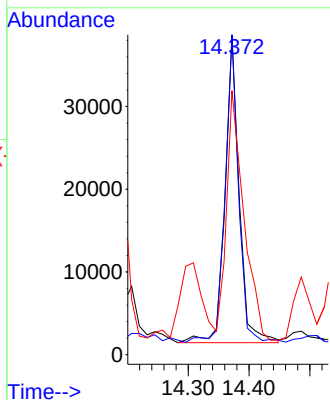
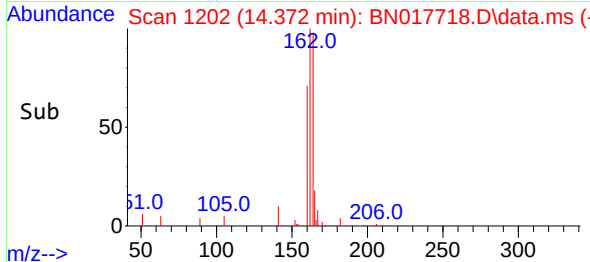
Instrument :
BNA_N
ClientSampleId :
MW-31



Tgt Ion:164 Resp: 5964
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.2
160 82.6 36.8 55.2

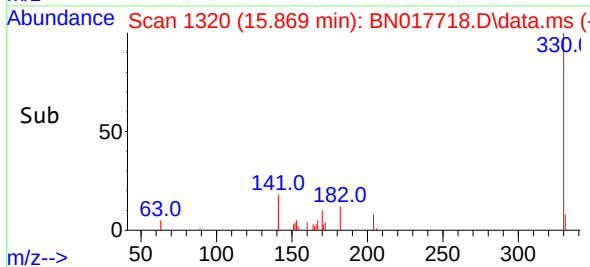
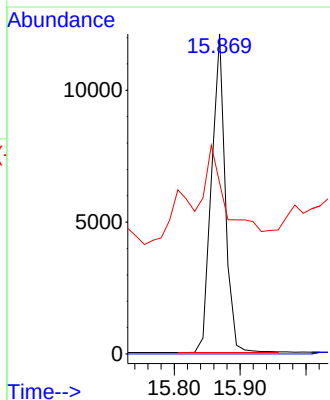
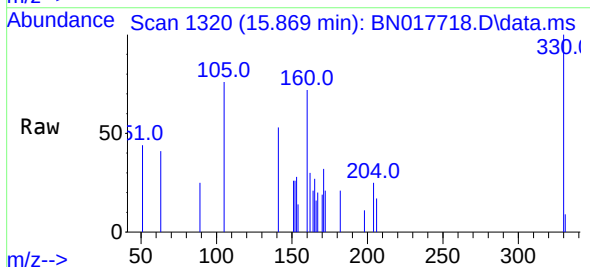
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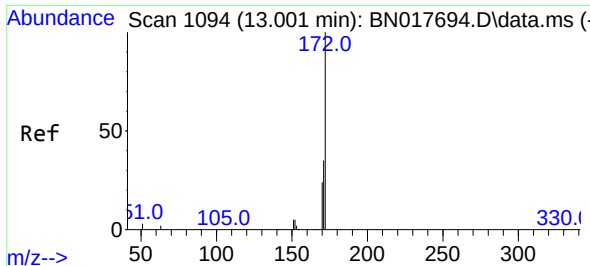
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#14
2,4,6-Tribromophenol
Concen: 0.60 ng
RT: 15.869 min Scan# 1320
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

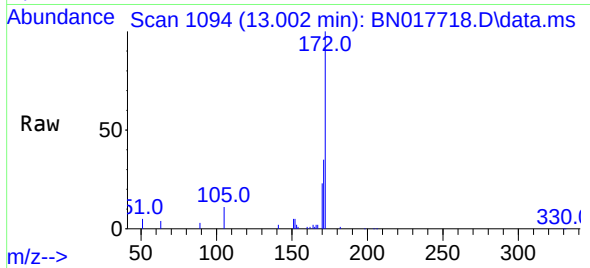
Tgt Ion:330 Resp: 17547
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 35.1 28.9 43.3





#15
2-Fluorobiphenyl
Concen: 0.34 ng
RT: 13.002 min Scan# 1094
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

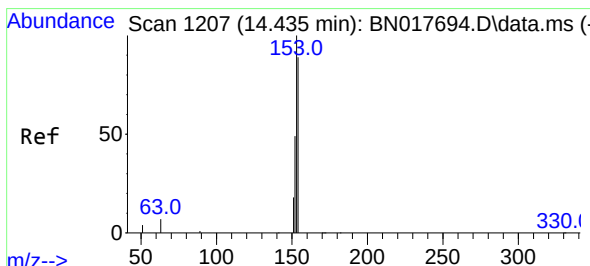
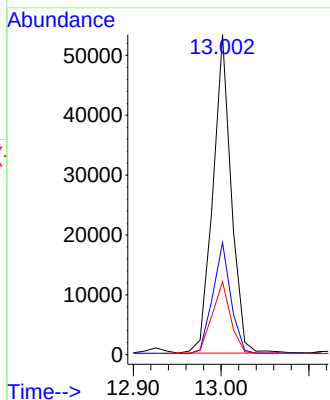
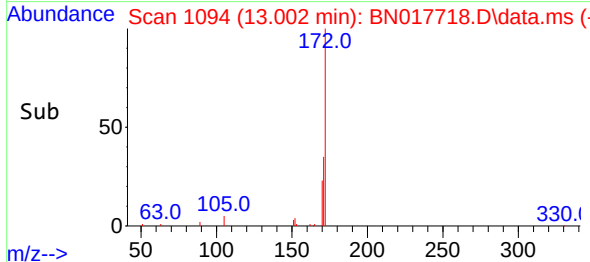
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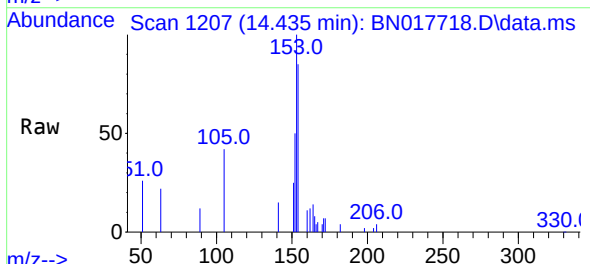
Tgt Ion:172 Resp: 7716
Ion Ratio Lower Upper
172 100
171 35.0 28.7 43.1
170 22.8 19.4 29.2

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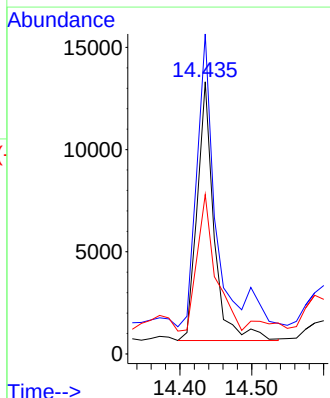
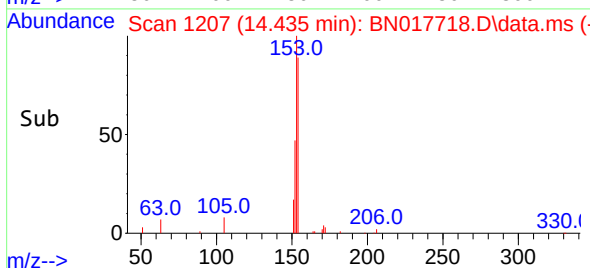
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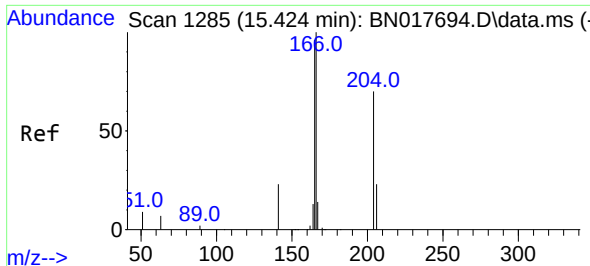


#17
Acenaphthene
Concen: 0.13 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53



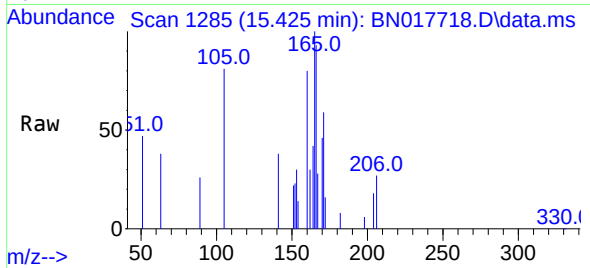
Tgt Ion:154 Resp: 20607
Ion Ratio Lower Upper
154 100
153 115.5 91.2 136.8
152 57.6 44.3 66.5





#18
Fluorene
Concen: 0.07 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

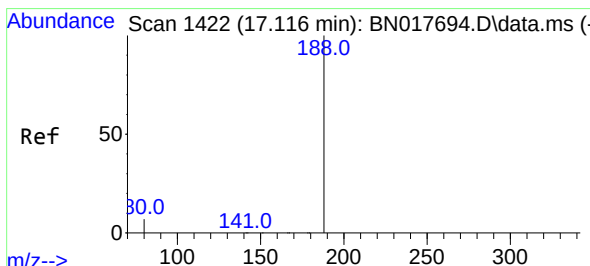
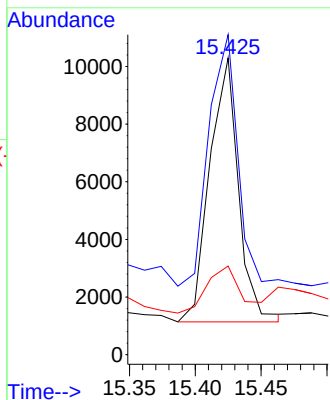
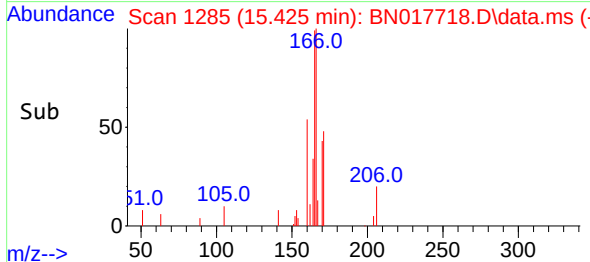
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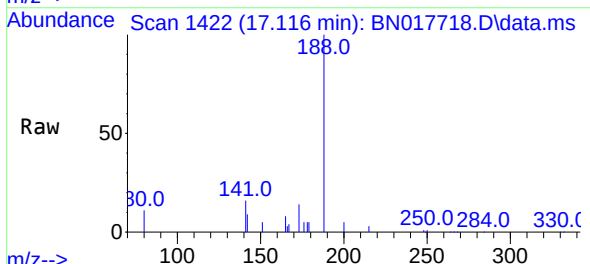
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Ion Ratio Lower Upper
166 100
165 96.0 77.9 116.9
167 21.1 10.9 16.3

Manual Integrations
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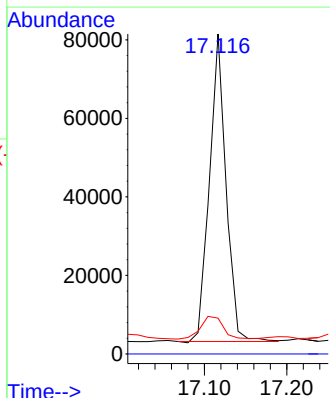
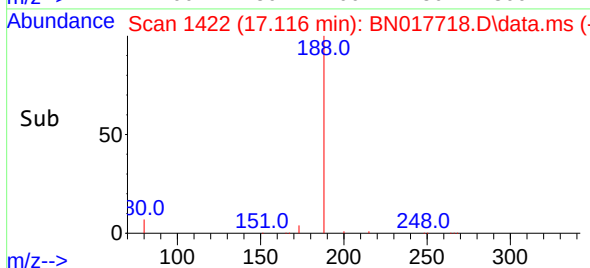
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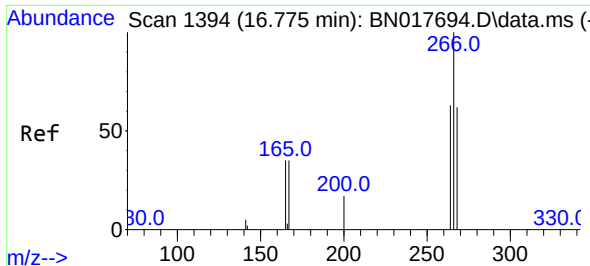


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53



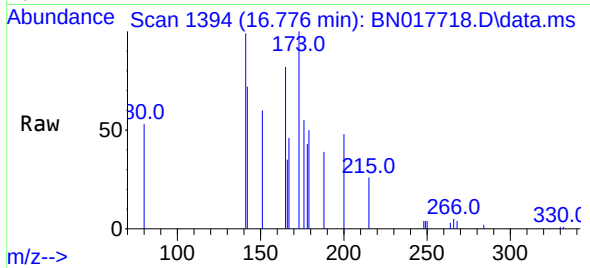
Tgt Ion:188 Resp: 109447
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 6.1 9.1





#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.776 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

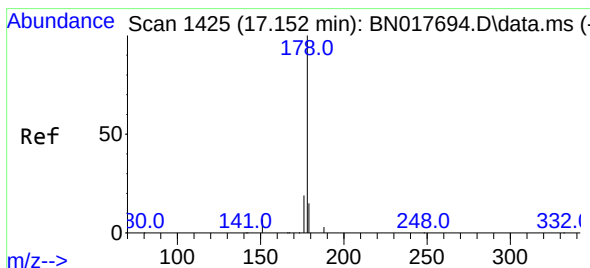
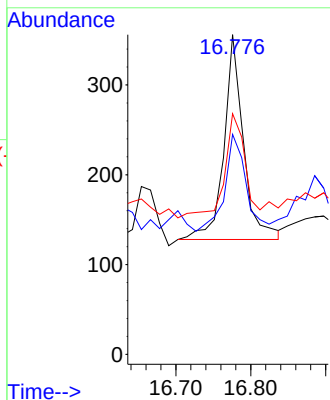
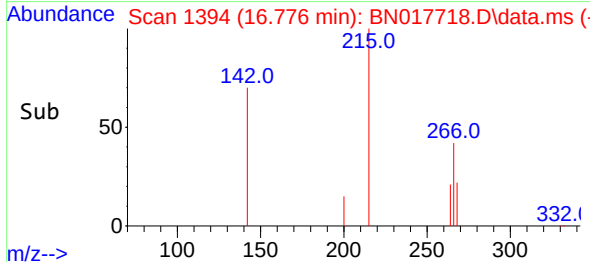
Instrument :
BNA_N
ClientSampleId :
MW-31



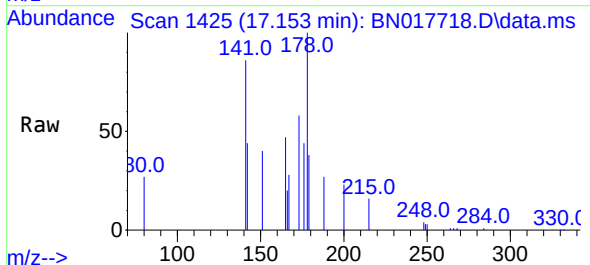
Tgt Ion:	266	Resp:	41
Ion Ratio	Lower	Upper	
266	100		
264	51.6	49.8	74.8
268	52.8	51.3	76.9

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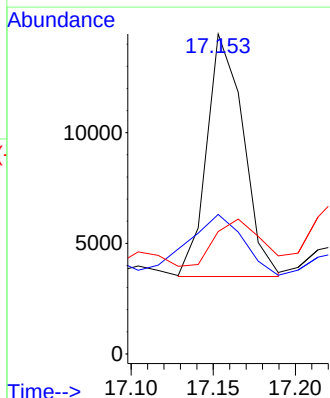
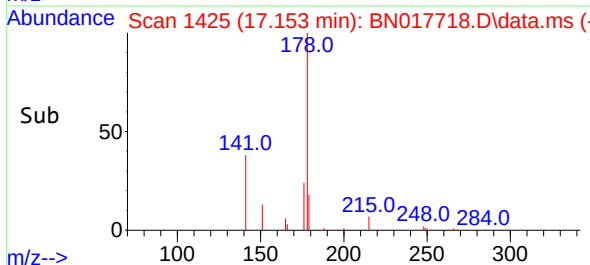
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

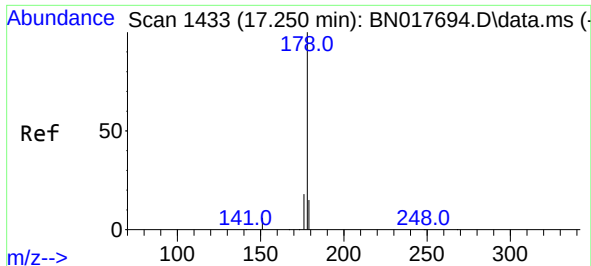


#25
Phenanthrene
Concen: 0.06 ng m
RT: 17.153 min Scan# 1425
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53



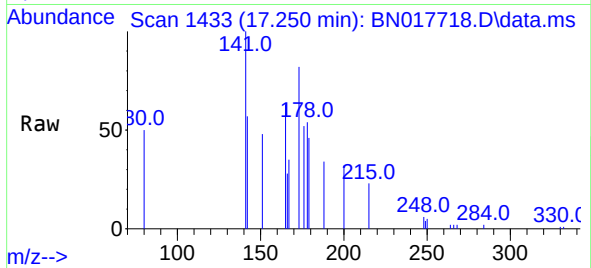
Tgt Ion:	178	Resp:	16937
Ion Ratio	Lower	Upper	
178	100		
176	39.1	15.0	22.6#
179	25.4	12.3	18.5#





#26
 Anthracene
 Concen: 0.02 ng
 RT: 17.250 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BN017718.D
 Acq: 04 Dec 2021 08:53

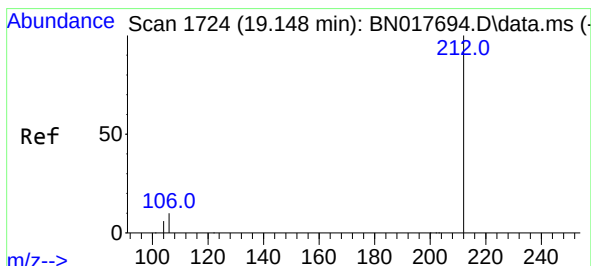
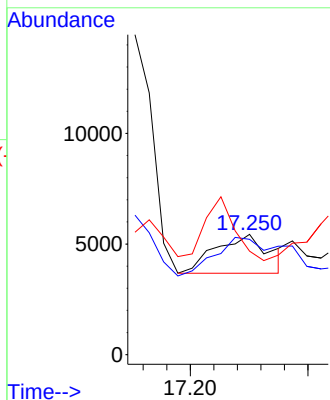
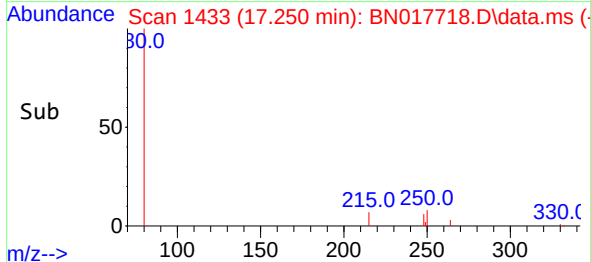
Instrument :
 BNA_N
 ClientSampleId :
 MW-31



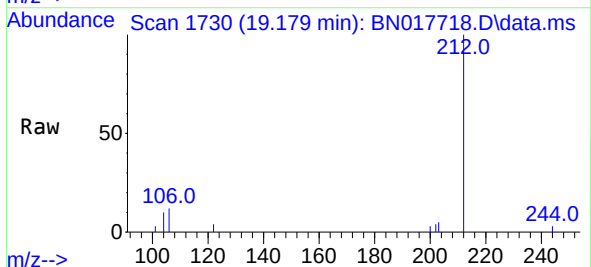
Tgt Ion:178 Resp: 5532
 Ion Ratio Lower Upper
 178 100
 176 132.8 14.6 22.0#
 179 0.0 12.2 18.4#

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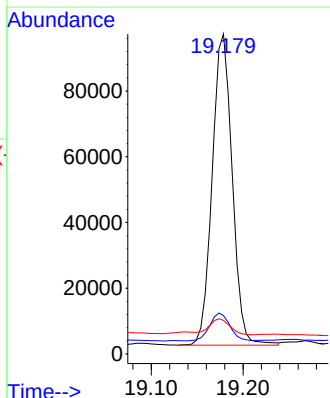
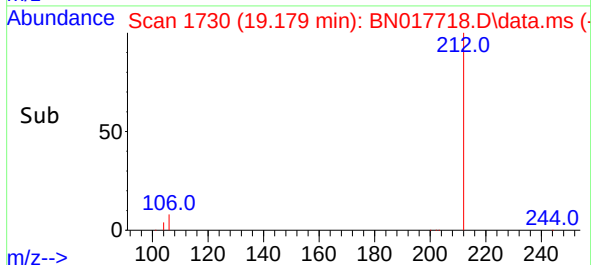
Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

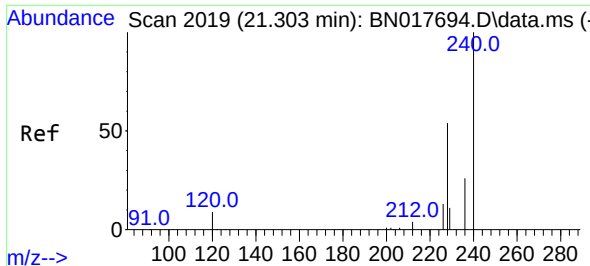


#27
 Fluoranthene-d10
 Concen: 0.40 ng
 RT: 19.179 min Scan# 1730
 Delta R.T. 0.030 min
 Lab File: BN017718.D
 Acq: 04 Dec 2021 08:53



Tgt Ion:212 Resp: 143515
 Ion Ratio Lower Upper
 212 100
 106 9.0 10.5 15.7#
 104 5.2 5.8 8.6#





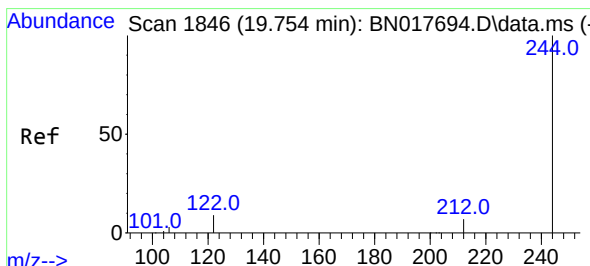
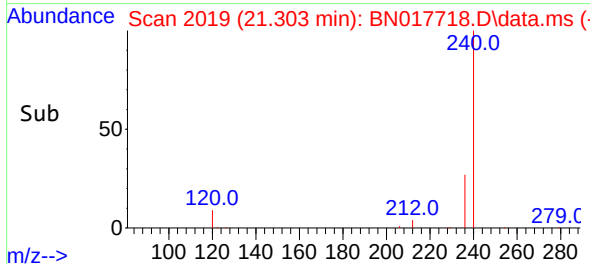
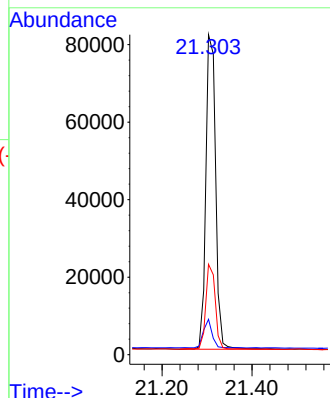
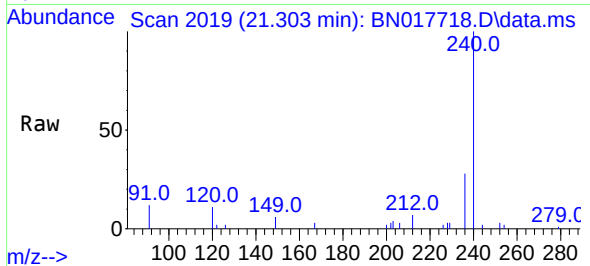
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

Instrument :
BNA_N
ClientSampleId :
MW-31

Tgt Ion:240 Resp: 12224
Ion Ratio Lower Upper
240 100
120 11.1 4.2 6.2
236 28.2 20.0 30.0

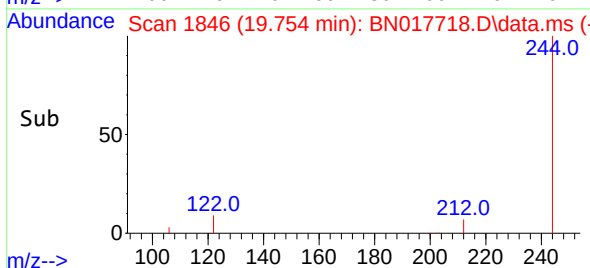
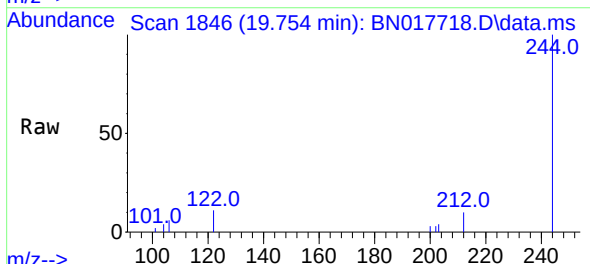
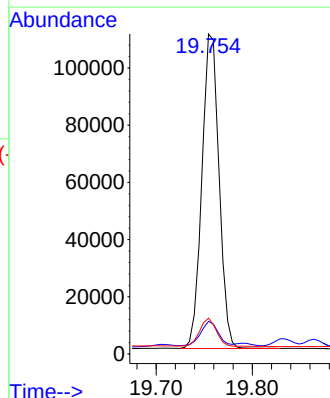
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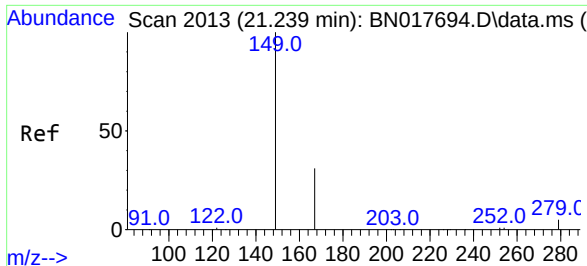
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#31
Terphenyl-d14
Concen: 0.50 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

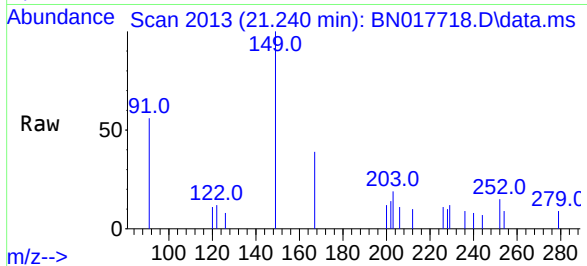
Tgt Ion:244 Resp: 136381
Ion Ratio Lower Upper
244 100
212 10.2 5.7 8.5
122 11.1 8.6 13.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.15 ng
RT: 21.240 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53

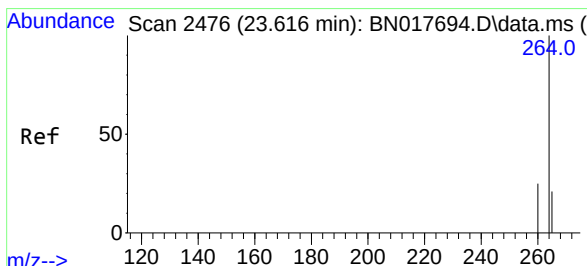
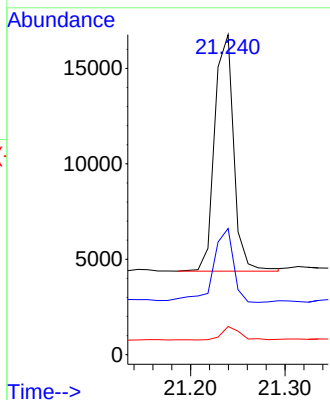
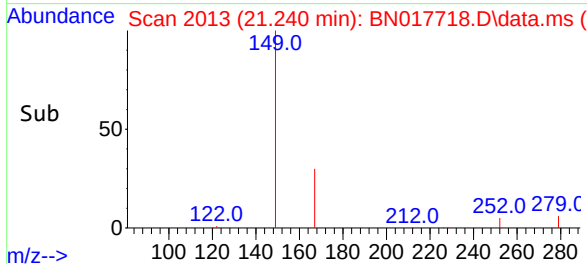
Instrument :
BNA_N
ClientSampleId :
MW-31



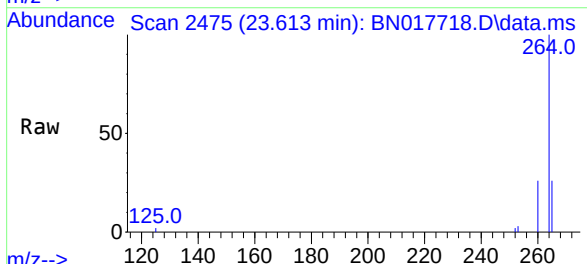
Tgt Ion:149 Resp: 17412
Ion Ratio Lower Upper
149 100
167 33.4 21.8 32.6
279 5.2 3.4 5.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.613 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BN017718.D
Acq: 04 Dec 2021 08:53



Tgt Ion:264 Resp: 118142
Ion Ratio Lower Upper
264 100
260 25.6 19.4 29.2
265 26.2 18.6 28.0

