

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017717.D
 Acq On : 04 Dec 2021 08:18
 Operator : CG/JU
 Sample : M4917-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-29

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 02:13:47 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	7.754	152	20848	0.40	ng	0.00
7) Naphthalene-d8	10.535	136	87948	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	60613	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	122291	0.40	ng	0.00
29) Chrysene-d12	21.303	240	126629	0.40	ng	# 0.00
35) Perylene-d12	23.612	264	130475	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.375	112	8156	0.17	ng	0.02
5) Phenol-d6	6.943	99	4095	0.08	ng	0.02
8) Nitrobenzene-d5	8.900	82	18765m	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	37892	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	14074	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	66680	0.29	ng	0.00
27) Fluoranthene-d10	19.149	212	117437	0.29	ng	0.00
31) Terphenyl-d14	19.754	244	111870	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	403m	0.03	ng	
9) Naphthalene	10.585	128	536292	2.39	ng	100
12) 2-Methylnaphthalene	12.195	142	66622	0.45	ng	# 95
17) Acenaphthene	14.435	154	3244	0.02	ng	# 86
18) Fluorene	15.425	166	7484	0.04	ng	# 95
24) Pentachlorophenol	16.775	266	1658	0.32	ng	99
25) Phenanthrene	17.153	178	20642m	0.06	ng	
28) Fluoranthene	19.183	202	10369	0.03	ng	# 95
30) Pyrene	19.541	202	18030	0.04	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.239	149	20671	0.17	ng	# 98

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

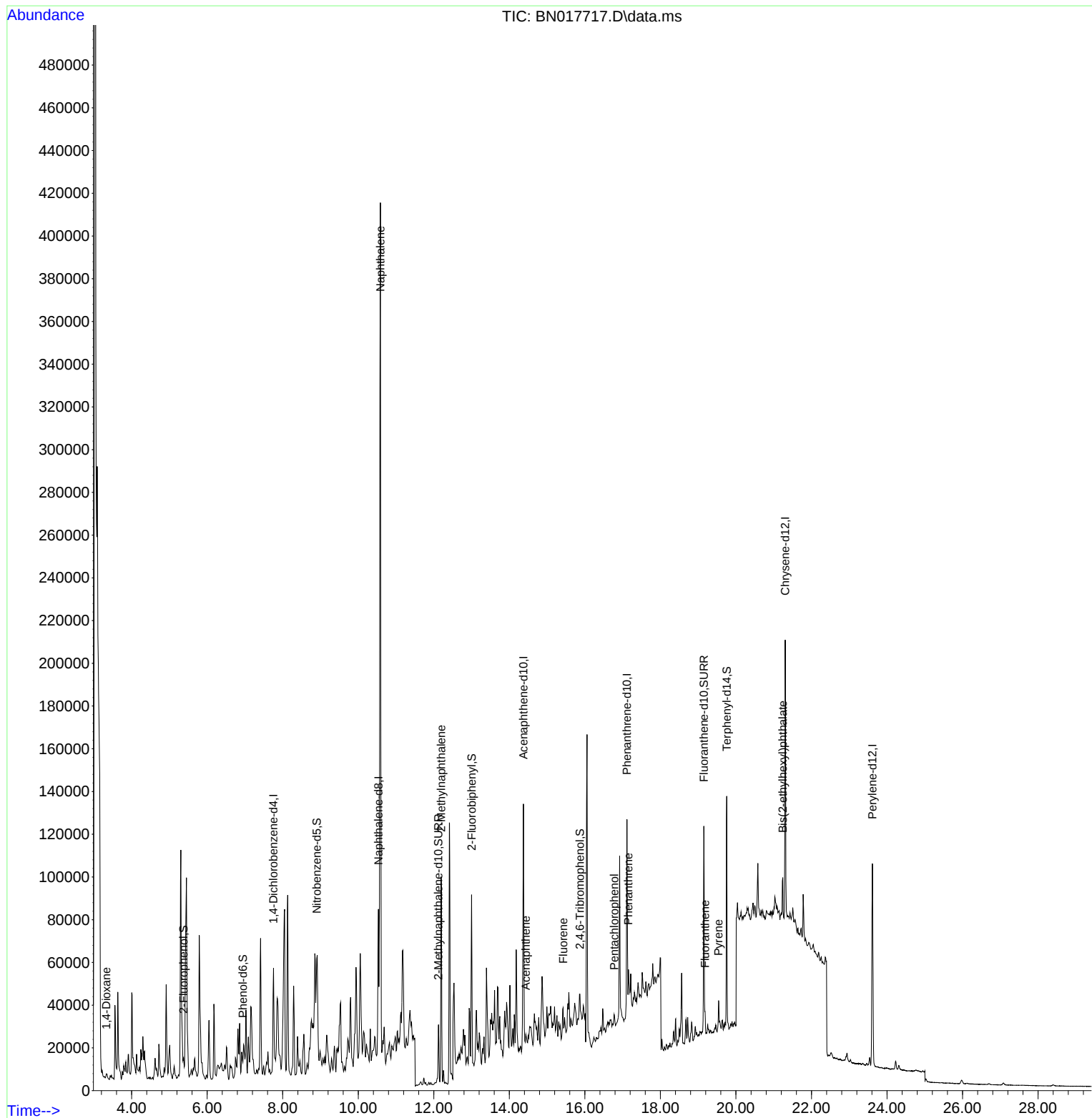
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
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ALS Vial : 27 Sample Multiplier: 1

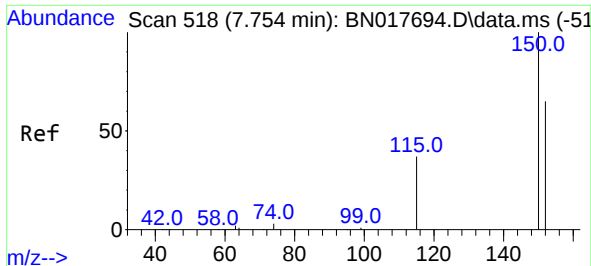
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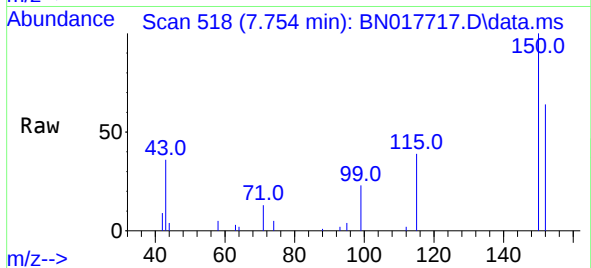
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Instrument :

BNA_N

ClientSampleId :

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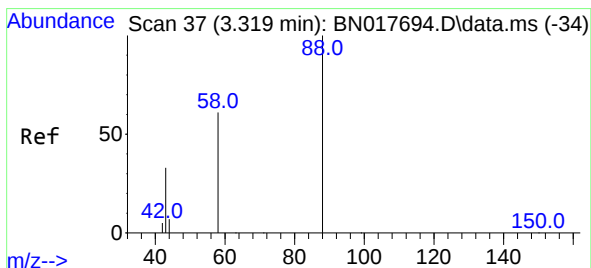
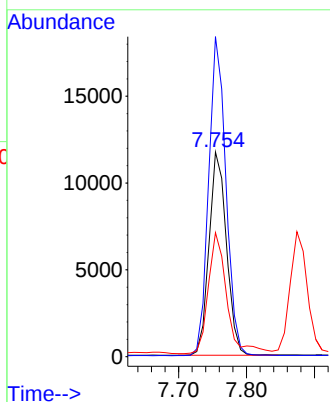
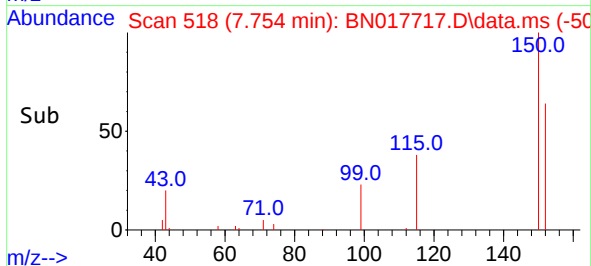


Tgt Ion:152 Resp: 2084
Ion Ratio Lower Upper
152 100
150 156.4 123.0 184.4
115 60.6 45.6 68.4

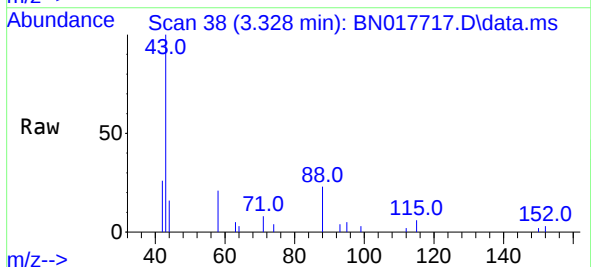
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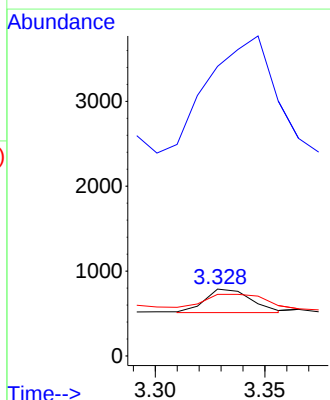
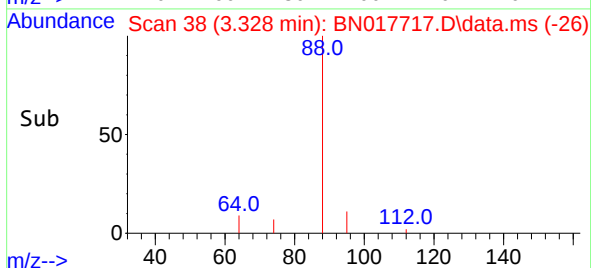
Reviewed By :Jagrut Upadhyay 12/06/2021
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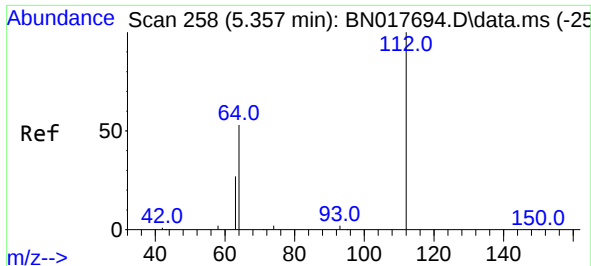


#2
1,4-Dioxane
Concen: 0.03 ng m
RT: 3.328 min Scan# 38
Delta R.T. 0.009 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18



Tgt Ion: 88 Resp: 403
Ion Ratio Lower Upper
88 100
43 0.0 24.7 37.1#
58 66.0 63.0 94.6





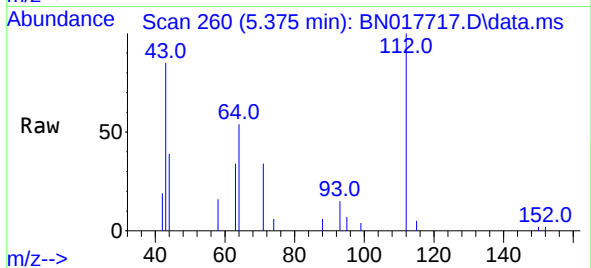
#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.375 min Scan# 20
Delta R.T. 0.019 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Instrument :

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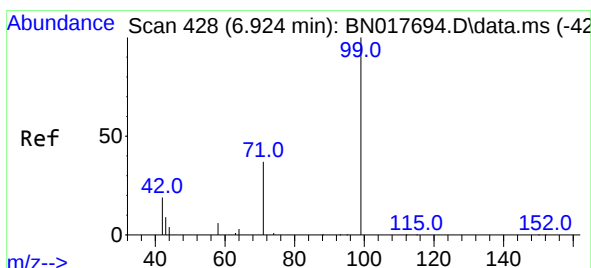
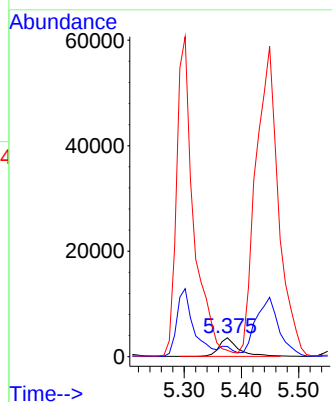
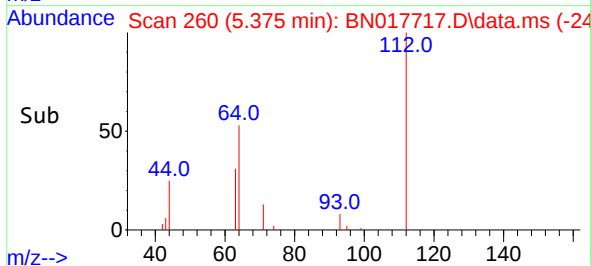


Tgt Ion:112 Resp: 8150
Ion Ratio Lower Upper
112 100
64 19.4 47.6 71.4#
63 0.0 24.6 37.0#

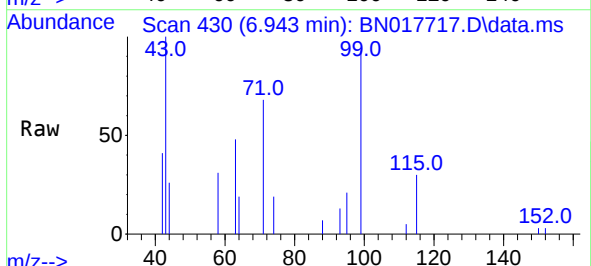
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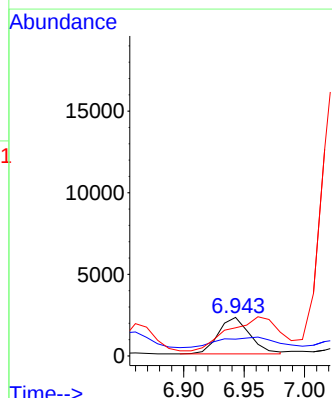
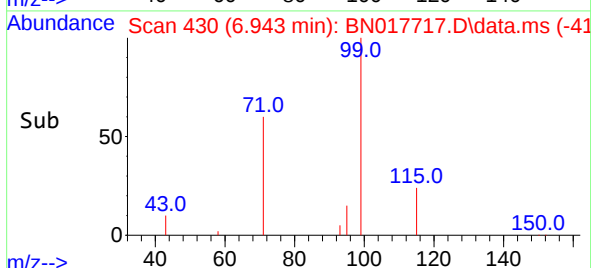
Reviewed By :Jagrut Upadhyay 12/06/2021
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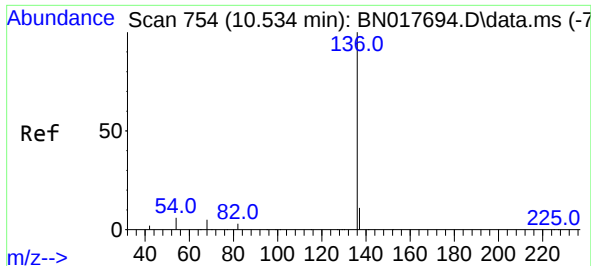


#5
Phenol-d6
Concen: 0.08 ng
RT: 6.943 min Scan# 430
Delta R.T. 0.019 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18



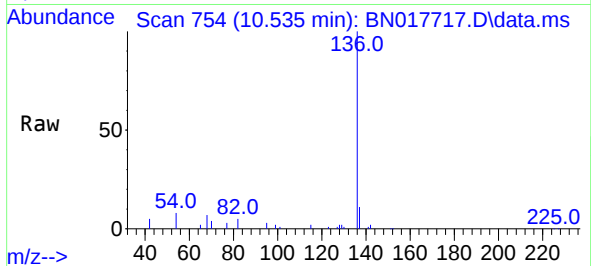
Tgt Ion: 99 Resp: 4095
Ion Ratio Lower Upper
99 100
42 50.1 17.0 25.6#
71 147.5 24.8 37.2#





#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

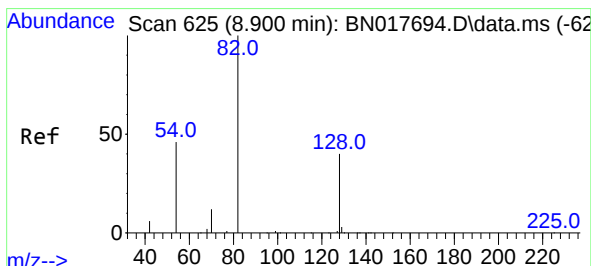
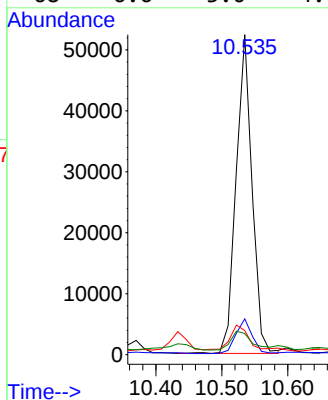
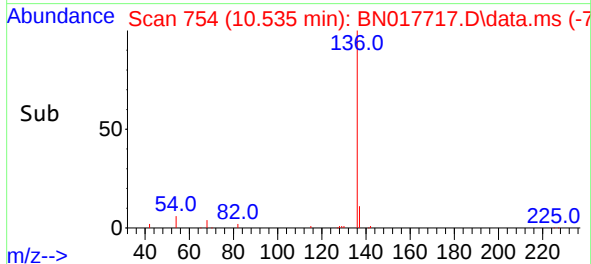
Instrument :
BNA_N
ClientSampleId :
MW-29



Tgt Ion: 136 Resp: 8794
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.6 4.0 6.0
68 6.6 3.0 4.6

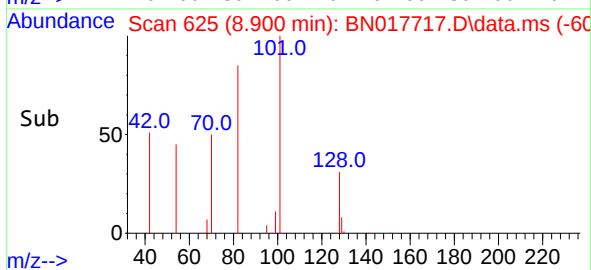
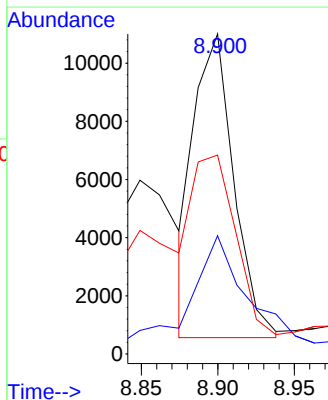
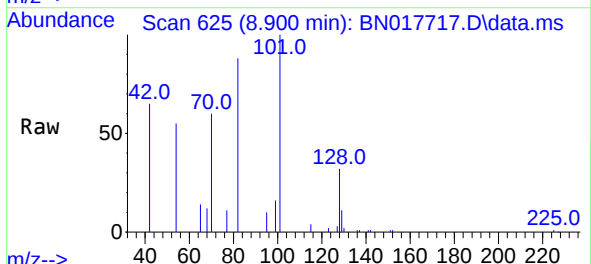
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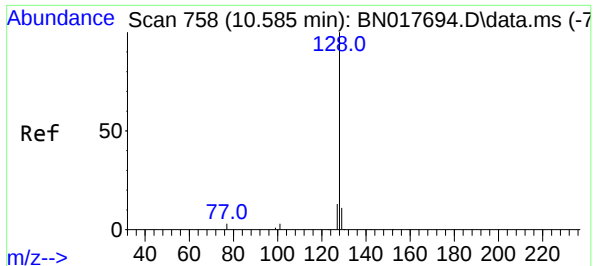
Reviewed By :Jagrut Upadhyay 12/06/2021
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#8
Nitrobenzene-d5
Concen: 0.44 ng m
RT: 8.900 min Scan# 625
Delta R.T. -0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

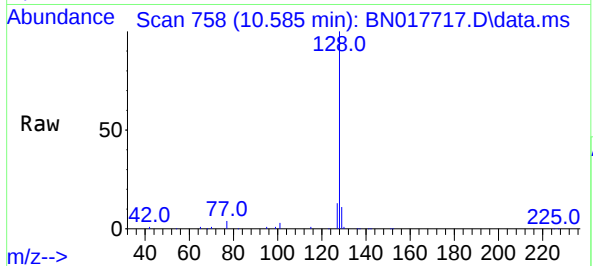
Tgt Ion: 82 Resp: 18765
Ion Ratio Lower Upper
82 100
128 37.0 27.7 41.5
54 62.2 49.2 73.8





#9
Naphthalene
Concen: 2.39 ng
RT: 10.585 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

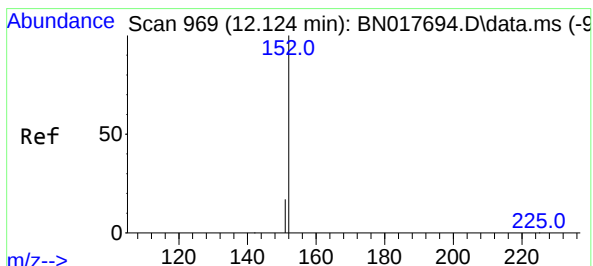
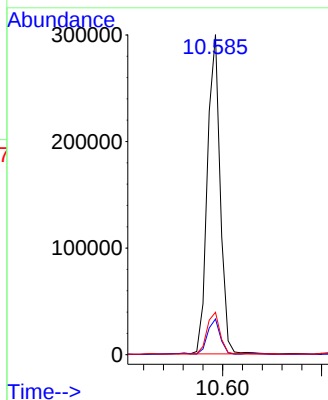
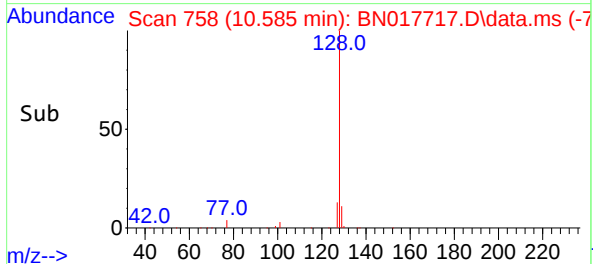
Instrument :
BNA_N
ClientSampleId :
MW-29



Tgt Ion:128 Resp: 53629
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.6 15.8

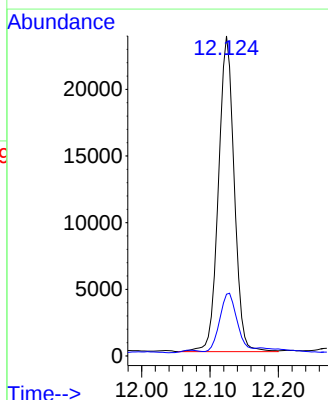
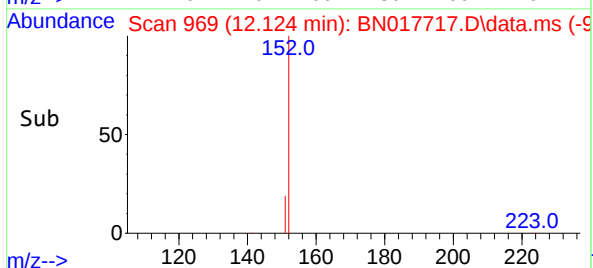
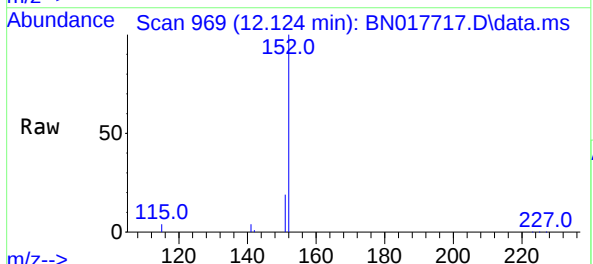
Manual Integrations
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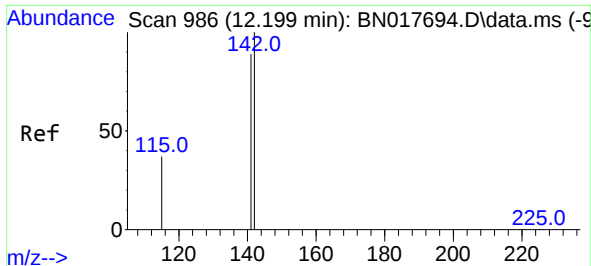
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#11
2-Methylnaphthalene-d10
Concen: 0.24 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Tgt Ion:152 Resp: 37892
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4





#12

2-Methylnaphthalene

Concen: 0.45 ng

RT: 12.195 min Scan# 986

Delta R.T. -0.004 min

Lab File: BN017717.D

Acq: 04 Dec 2021 08:18

Instrument :

BNA_N

ClientSampleId :

MW-29

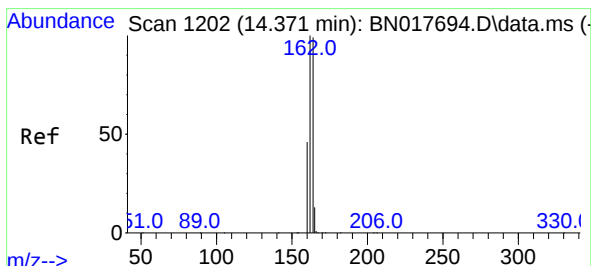
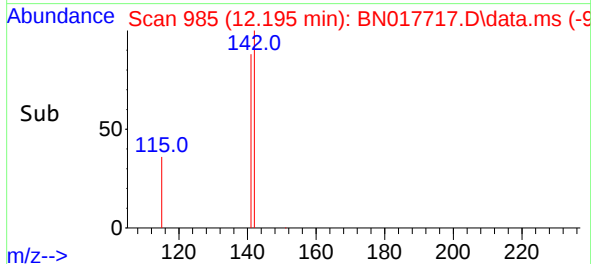
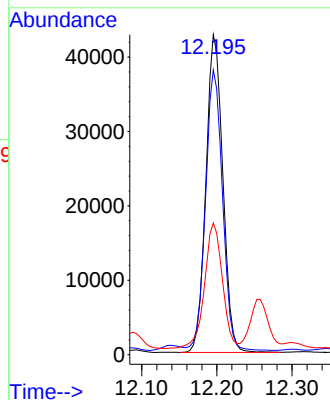
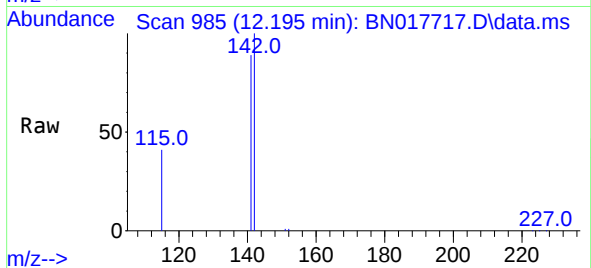
Tgt Ion:142 Resp: 6662

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	106.0
115	41.1	25.8	38.6

Manual Integrations

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#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.372 min Scan# 1202

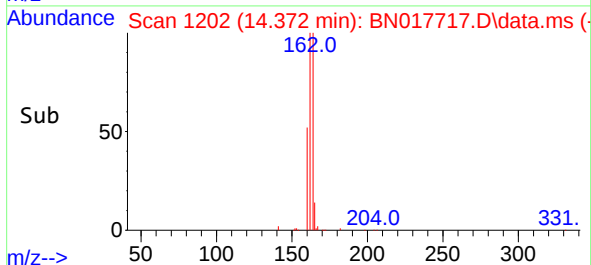
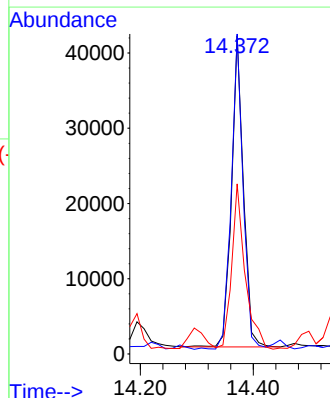
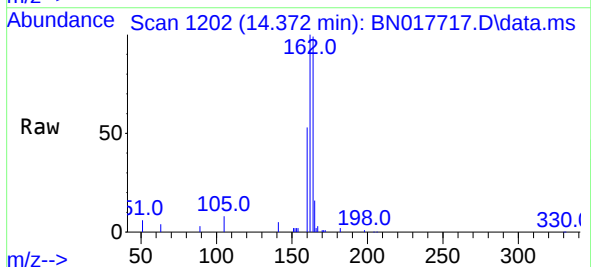
Delta R.T. 0.000 min

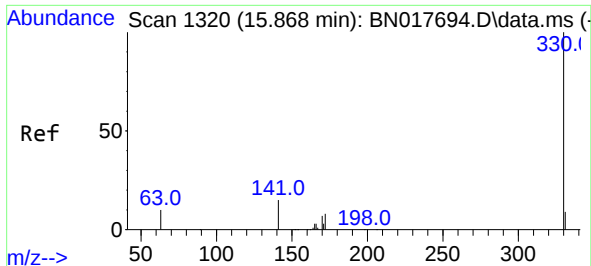
Lab File: BN017717.D

Acq: 04 Dec 2021 08:18

Tgt Ion:164 Resp: 60613

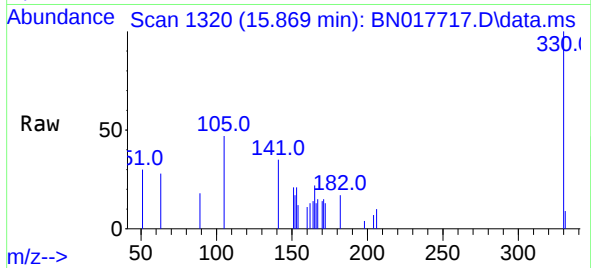
Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.4	122.2
160	53.4	36.8	55.2





#14
2,4,6-Tribromophenol
Concen: 0.50 ng
RT: 15.869 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

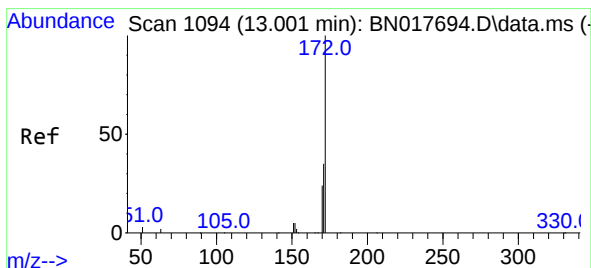
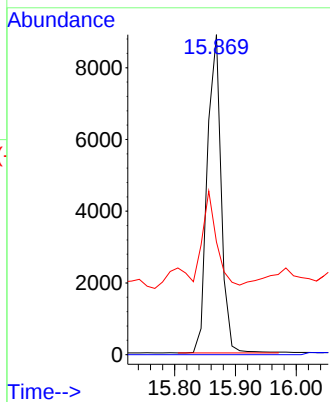
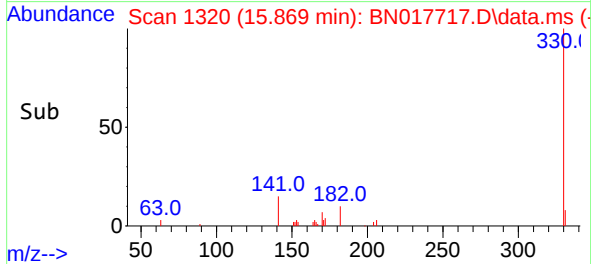
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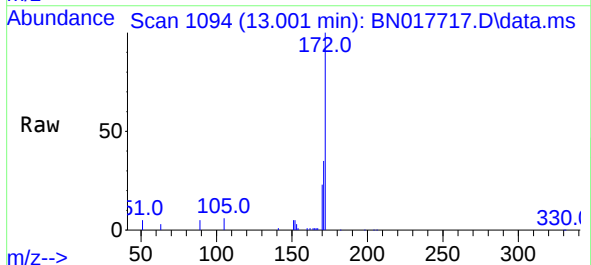
Tgt Ion:330 Resp: 14074
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 29.2 28.9 43.3

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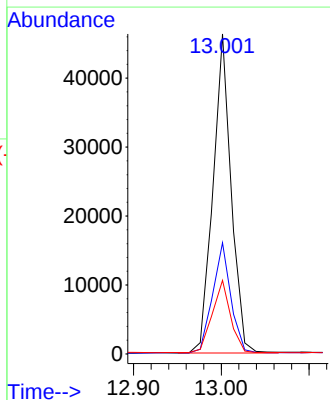
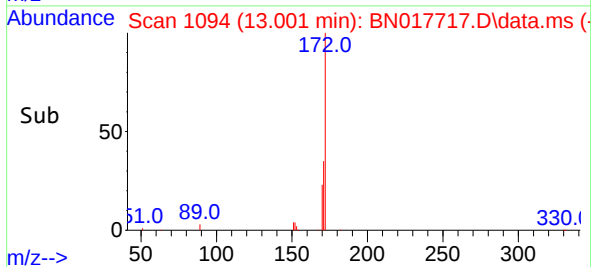
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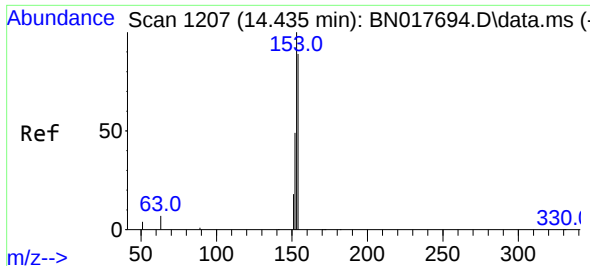


#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18



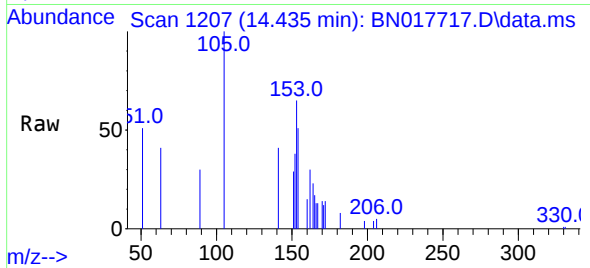
Tgt Ion:172 Resp: 66680
Ion Ratio Lower Upper
172 100
171 34.8 28.7 43.1
170 23.0 19.4 29.2





#17
Acenaphthene
Concen: 0.02 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

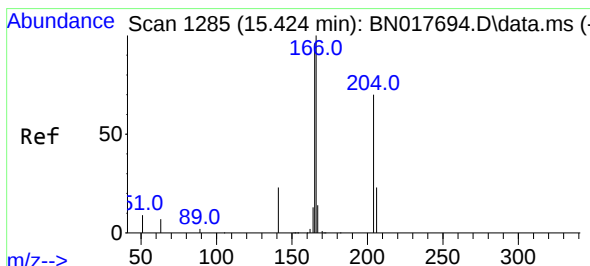
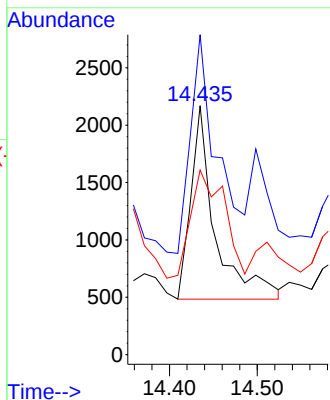
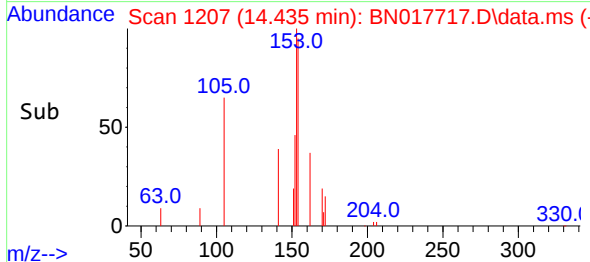
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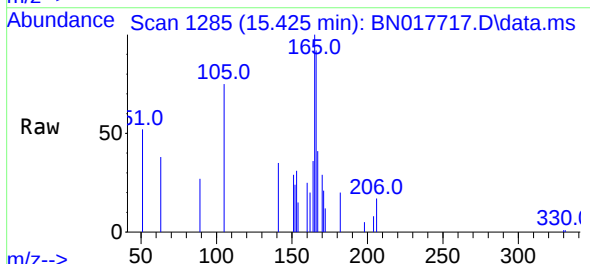
Tgt Ion:154 Resp: 3244
Ion Ratio Lower Upper
154 100
153 121.0 91.2 136.8
152 76.8 44.3 66.5

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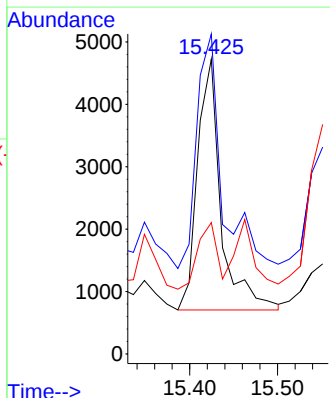
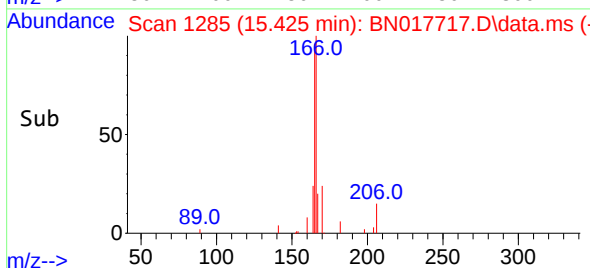
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

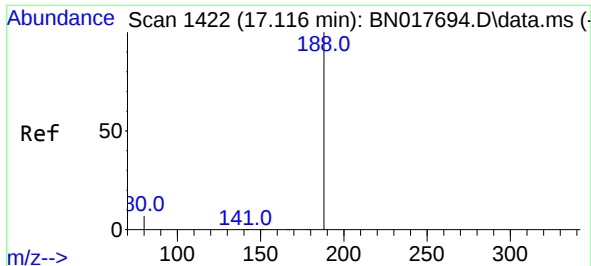


#18
Fluorene
Concen: 0.04 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18



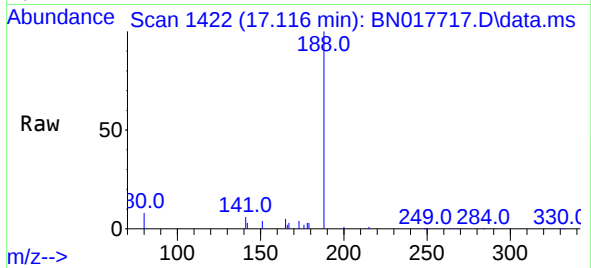
Tgt Ion:166 Resp: 7484
Ion Ratio Lower Upper
166 100
165 100.6 77.9 116.9
167 21.7 10.9 16.3





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

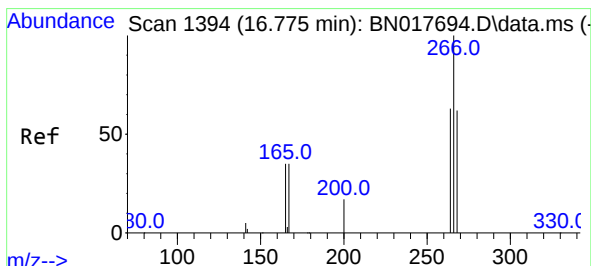
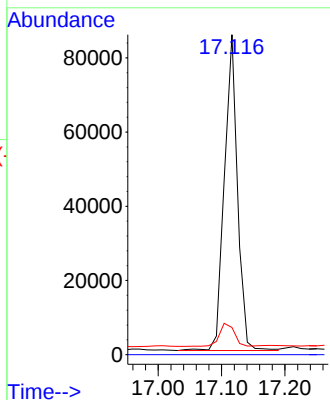
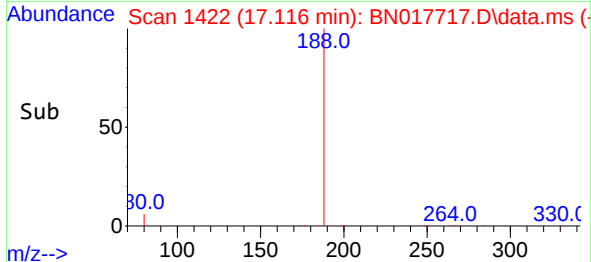
Instrument :
BNA_N
ClientSampleId :
MW-29



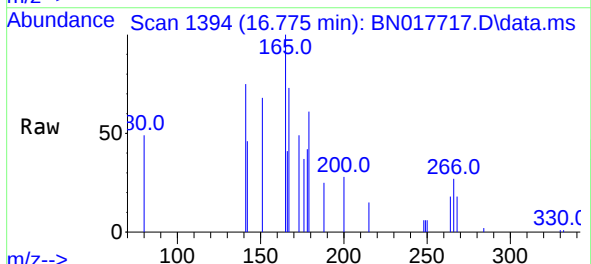
Tgt Ion:188 Resp: 12229
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.5 6.1 9.1

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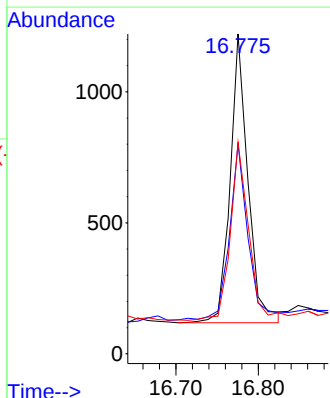
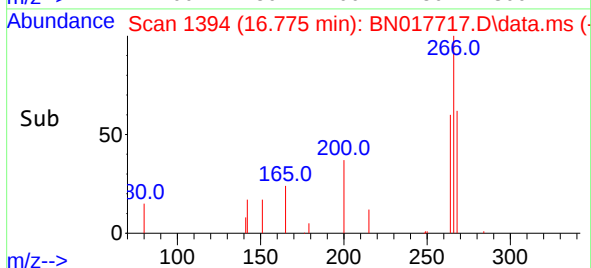
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

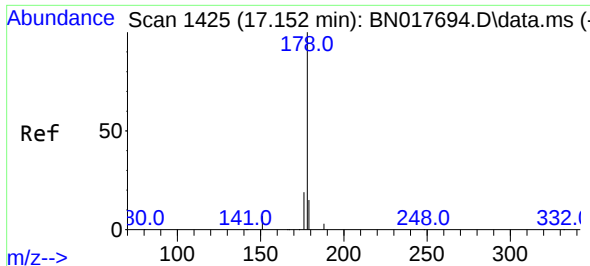


#24
Pentachlorophenol
Concen: 0.32 ng
RT: 16.775 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18



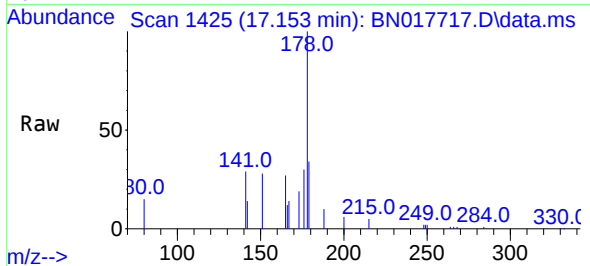
Tgt Ion:266 Resp: 1658
Ion Ratio Lower Upper
266 100
264 63.1 49.8 74.8
268 63.7 51.3 76.9





#25
Phenanthrene
Concen: 0.06 ng m
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

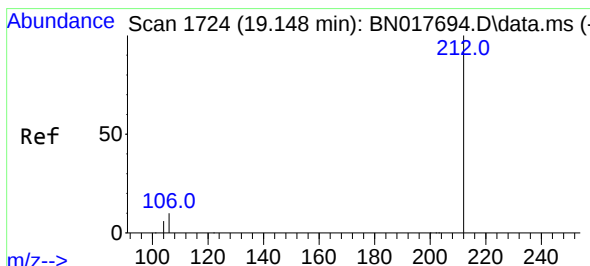
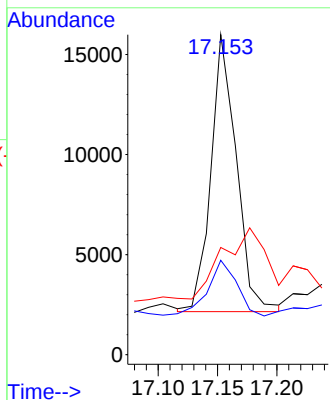
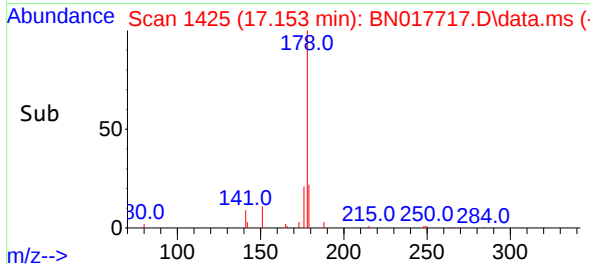
Instrument :
BNA_N
ClientSampleId :
MW-29



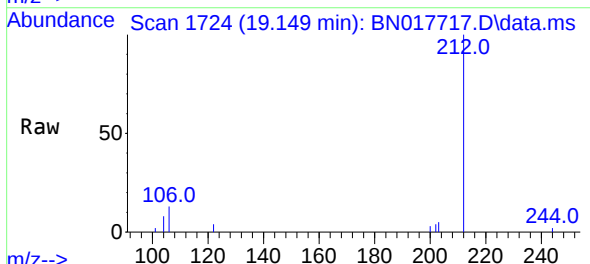
Tgt Ion:178 Resp: 20642
Ion Ratio Lower Upper
178 100
176 23.4 15.0 22.6#
179 0.0 12.3 18.5#

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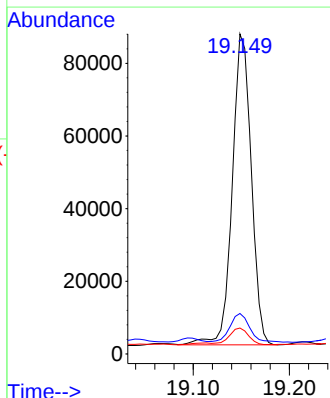
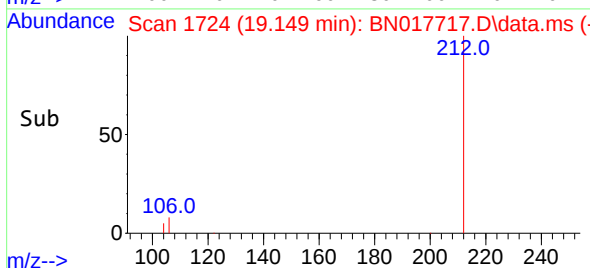
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

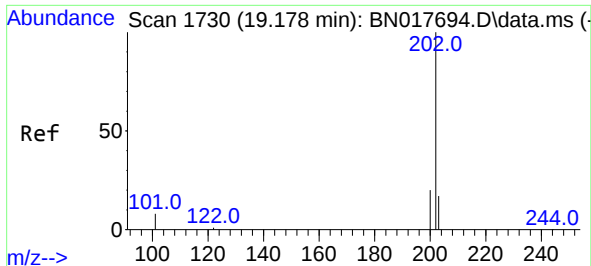


#27
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.149 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18



Tgt Ion:212 Resp: 117437
Ion Ratio Lower Upper
212 100
106 9.5 10.5 15.7#
104 5.3 5.8 8.6#





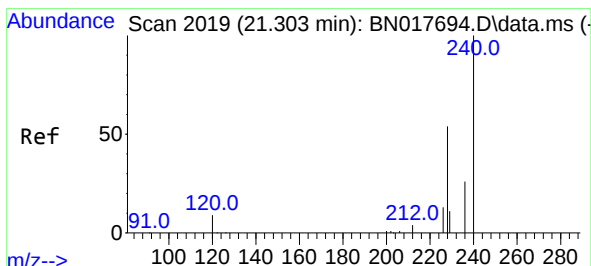
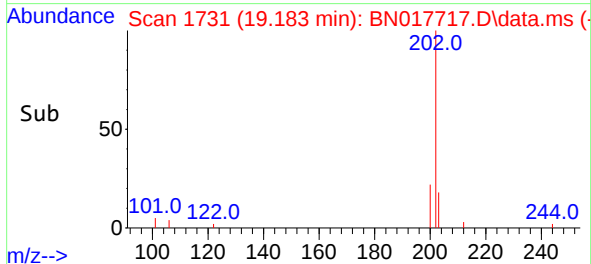
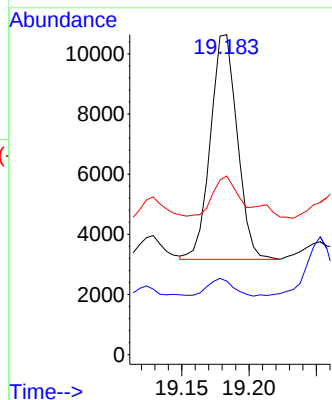
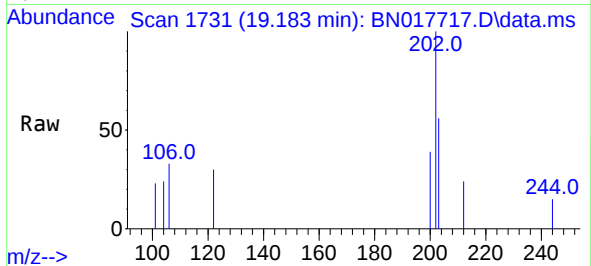
#28
Fluoranthene
Concen: 0.03 ng
RT: 19.183 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Instrument :
BNA_N
ClientSampleId :
MW-29

Tgt Ion:202 Resp: 10369
Ion Ratio Lower Upper
202 100
101 7.2 8.9 13.3
203 16.7 13.8 20.6

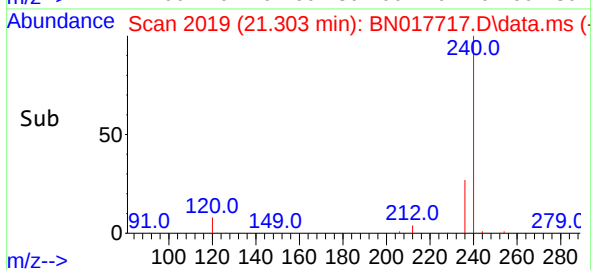
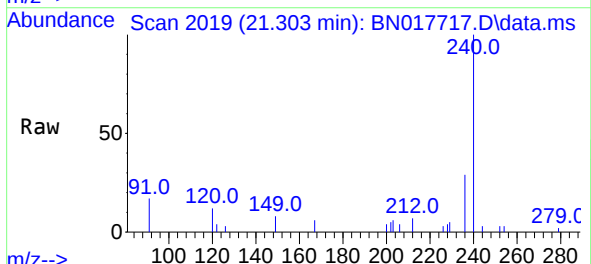
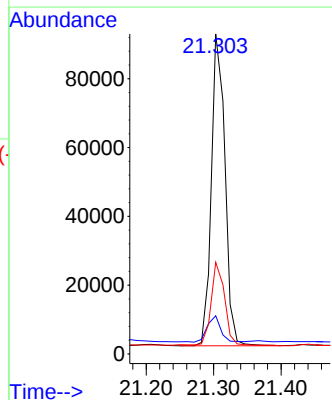
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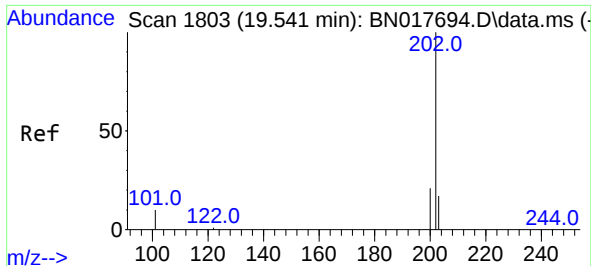
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

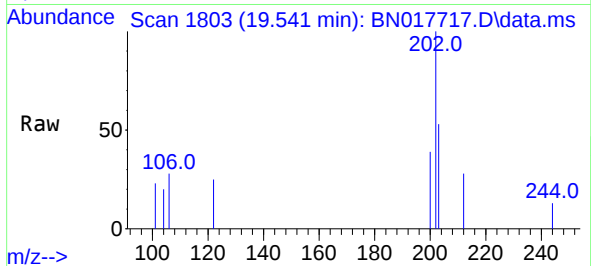
Tgt Ion:240 Resp: 126629
Ion Ratio Lower Upper
240 100
120 12.0 4.2 6.2
236 28.7 20.0 30.0





#30
Pyrene
Concen: 0.04 ng
RT: 19.541 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

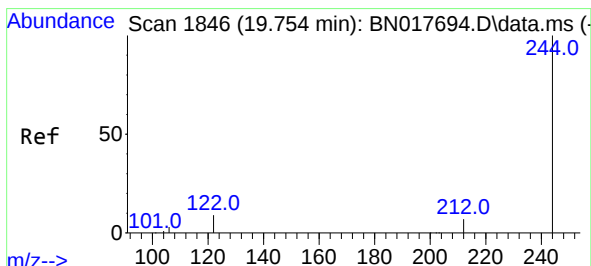
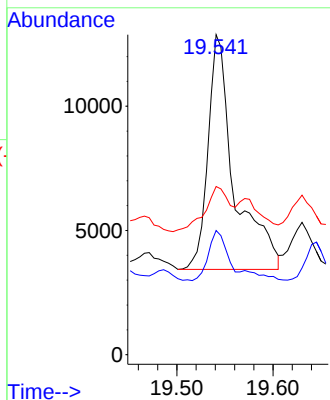
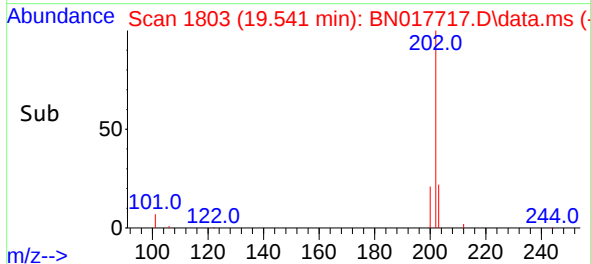
Instrument :
BNA_N
ClientSampleId :
MW-29



Tgt Ion:202 Resp: 18030
Ion Ratio Lower Upper
202 100
200 15.2 16.5 24.7
203 18.3 14.0 21.0

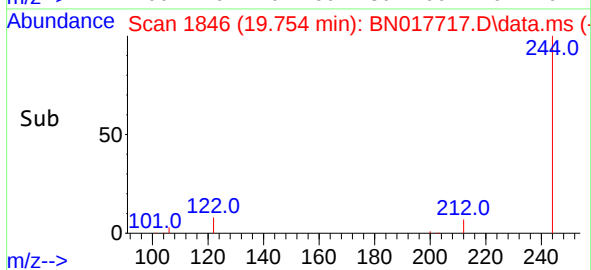
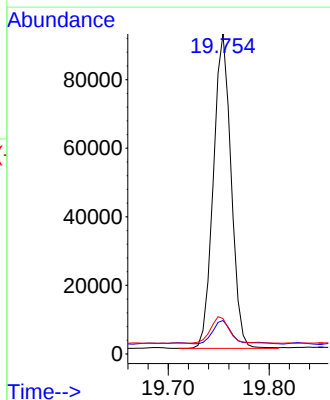
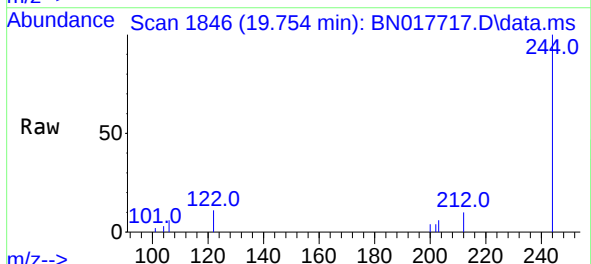
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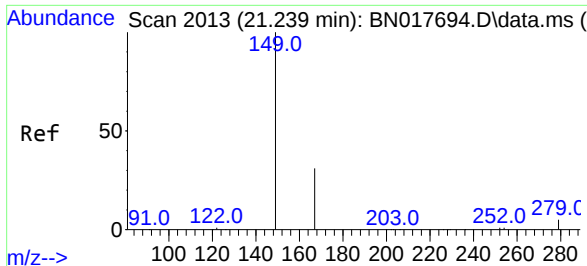
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

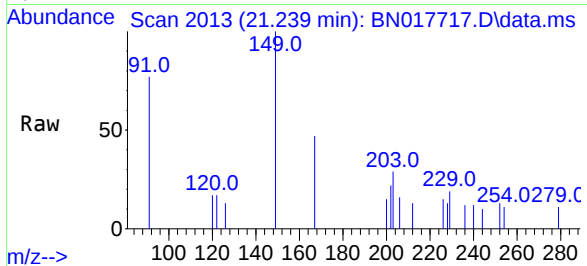
Tgt Ion:244 Resp: 111870
Ion Ratio Lower Upper
244 100
212 10.4 5.7 8.5
122 11.1 8.6 13.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.239 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

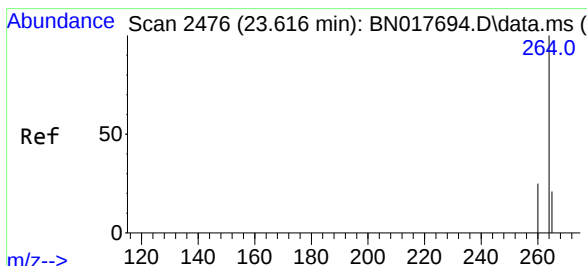
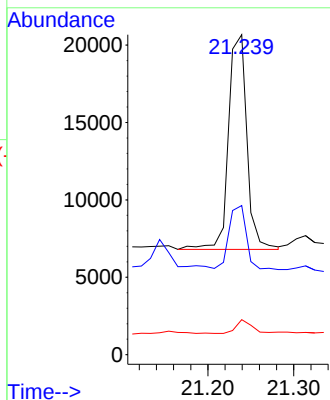
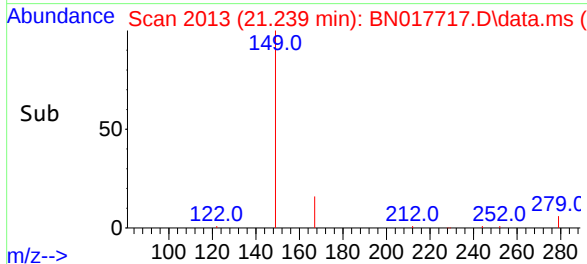
Instrument :
BNA_N
ClientSampleId :
MW-29



Tgt Ion:149 Resp: 2067
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.6
279 5.4 3.4 5.0

Manual Integrations
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Supervised By :Sohil Jodhani 12/10/2021



#35
Perylene-d12
Concen: 0.40 ng
RT: 23.612 min Scan# 2475
Delta R.T. -0.003 min
Lab File: BN017717.D
Acq: 04 Dec 2021 08:18

Tgt Ion:264 Resp: 130475
Ion Ratio Lower Upper
264 100
260 25.7 19.4 29.2
265 26.3 18.6 28.0

