

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017721.D
 Acq On : 04 Dec 2021 10:41
 Operator : CG/JU
 Sample : M4917-19
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-35

Manual Integrations
 APPROVED

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

Quant Time: Dec 06 02:14:21 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	20918	0.40	ng	0.00
7) Naphthalene-d8	10.535	136	87770	0.40	ng	# 0.00
13) Acenaphthene-d10	14.372	164	60944	0.40	ng	0.00
19) Phenanthrene-d10	17.116	188	125160	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	131650	0.40	ng	# 0.00
35) Perylene-d12	23.616	264	128014	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.376	112	8258	0.17	ng	0.02
5) Phenol-d6	6.943	99	4372	0.09	ng	0.02
8) Nitrobenzene-d5	8.900	82	63966m	1.51	ng	0.00
11) 2-Methylnaphthalene-d10	12.124	152	40610	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	15041	0.52	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	67004	0.29	ng	0.00
27) Fluoranthene-d10	19.154	212	129700	0.32	ng	0.00
31) Terphenyl-d14	19.754	244	115611	0.40	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.586	128	178879	0.80	ng	98
12) 2-Methylnaphthalene	12.200	142	8112	0.06	ng	# 61
17) Acenaphthene	14.435	154	8782	0.05	ng	94
24) Pentachlorophenol	16.776	266	475	0.29	ng	93
25) Phenanthrene	17.153	178	12372m	0.04	ng	
34) Bis(2-ethylhexyl)phtha...	21.240	149	23048	0.18	ng	# 92

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

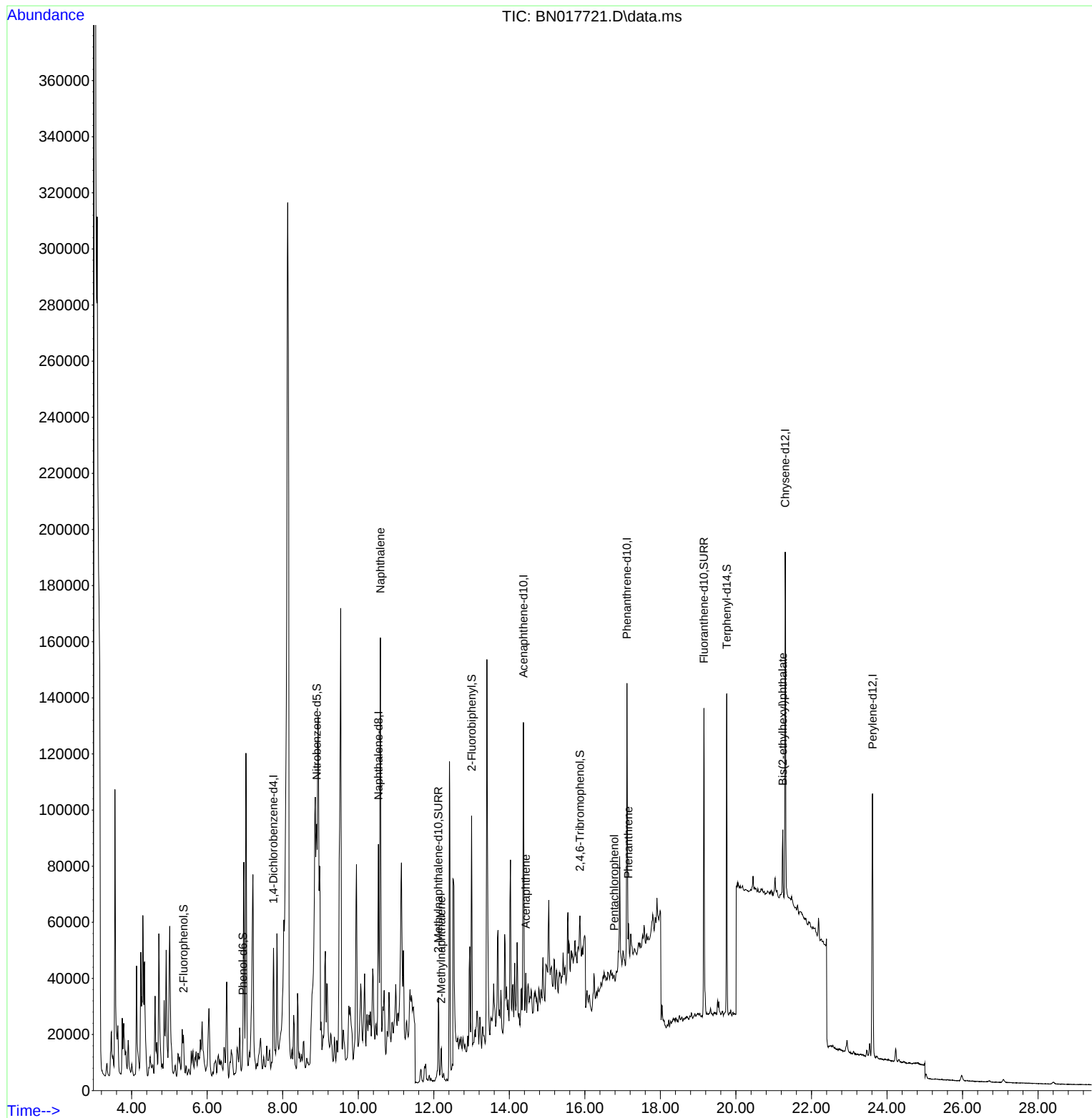
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
Data File : BN017721.D
Acq On : 04 Dec 2021 10:41
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ALS Vial : 31 Sample Multiplier: 1

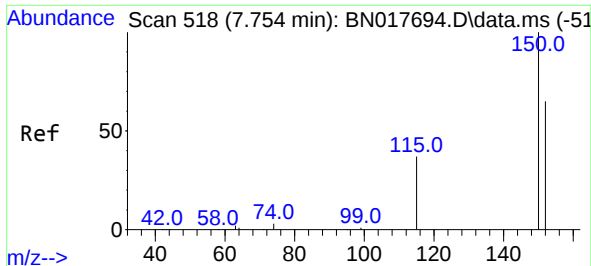
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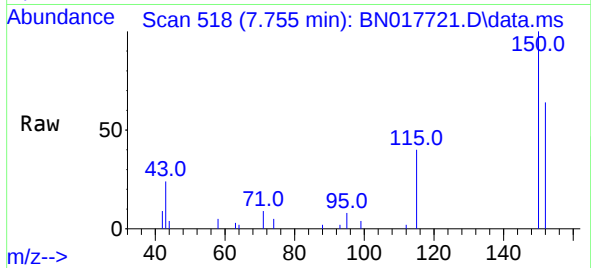
Quant Time: Dec 06 02:14:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 23:07:38 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.755 min Scan# 518
Delta R.T. 0.001 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

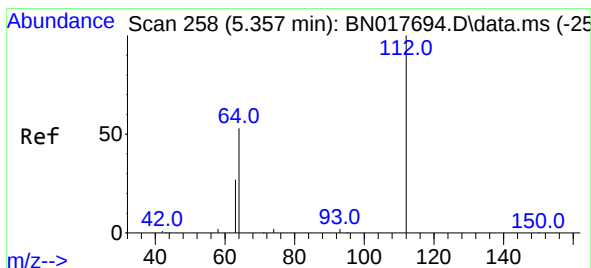
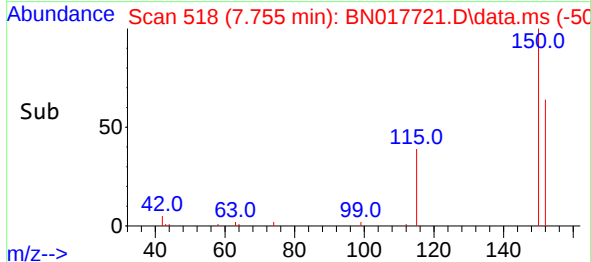
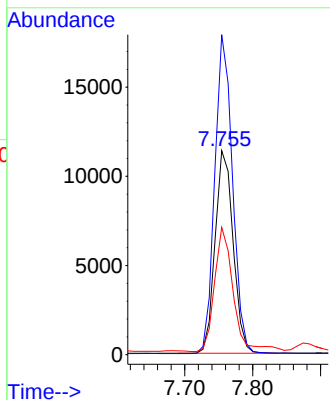
Instrument :
BNA_N
ClientSampleId :
MW-35



Tgt Ion:152 Resp: 20918
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.4
115 62.4 45.6 68.4

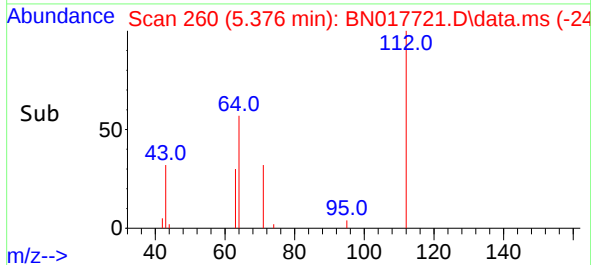
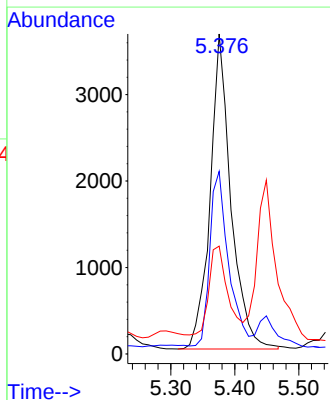
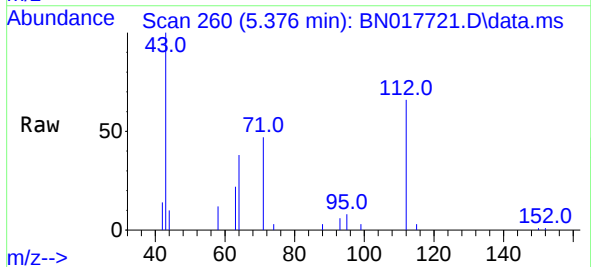
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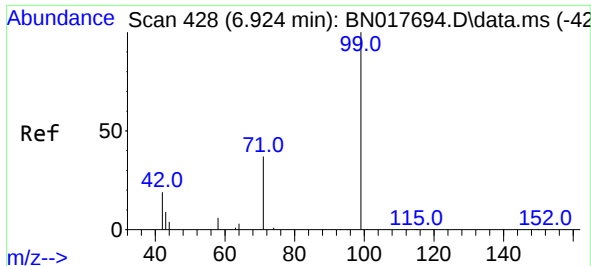
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#4
2-Fluorophenol
Concen: 0.17 ng
RT: 5.376 min Scan# 260
Delta R.T. 0.019 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

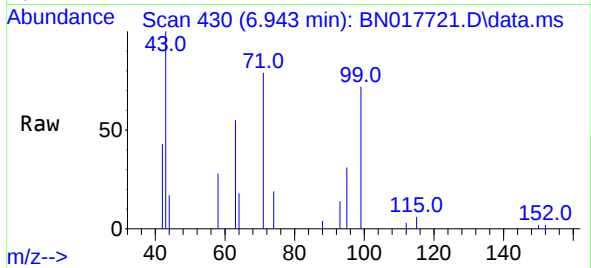
Tgt Ion:112 Resp: 8258
Ion Ratio Lower Upper
112 100
64 49.3 47.6 71.4
63 25.1 24.6 37.0





#5
Phenol-d6
Concen: 0.09 ng
RT: 6.943 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

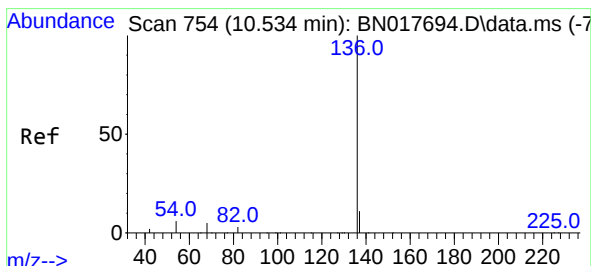
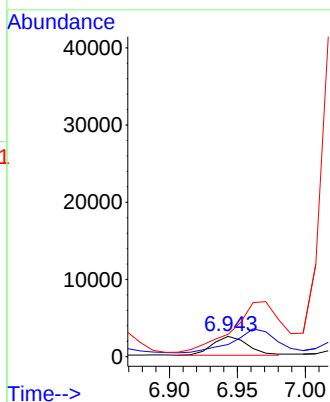
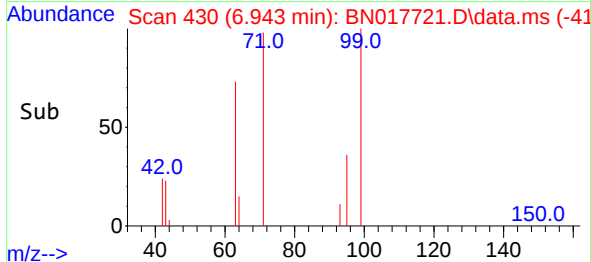
Instrument :
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ClientSampleId :
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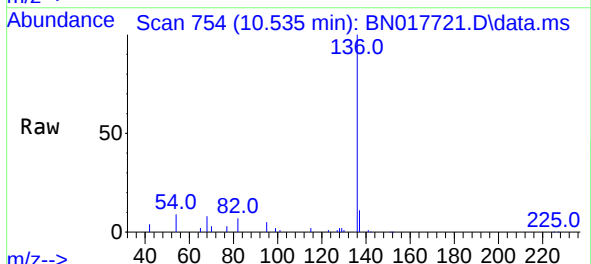
Tgt Ion: 99 Resp: 4372
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6
71 0.0 24.8 37.2

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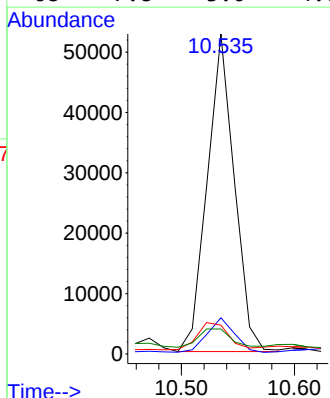
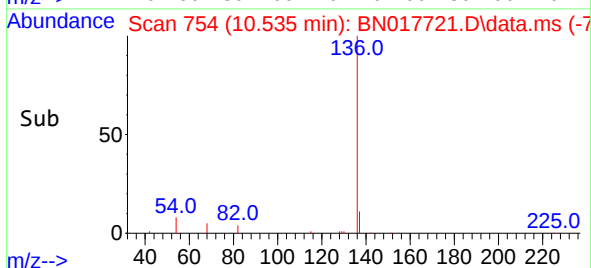
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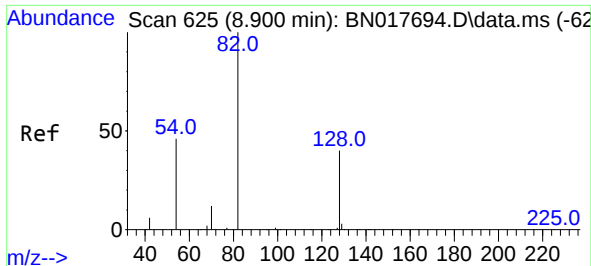


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.535 min Scan# 754
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41



Tgt Ion:136 Resp: 87770
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 9.0 4.0 6.0#
68 7.8 3.0 4.6#





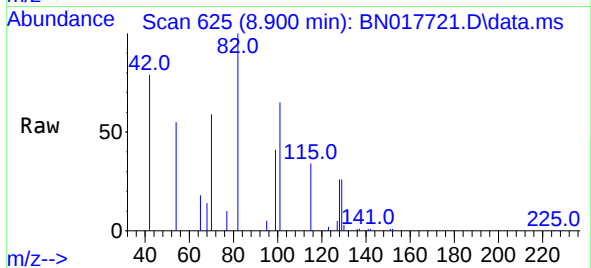
#8
Nitrobenzene-d5
Concen: 1.51 ng m
RT: 8.900 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

Instrument :

BNA_N

ClientSampleId :

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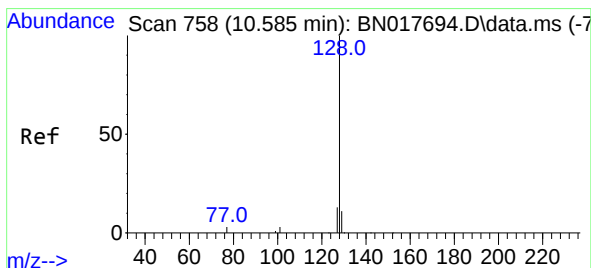
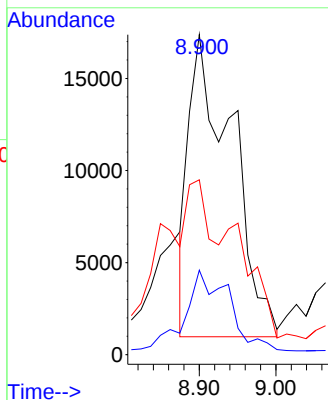
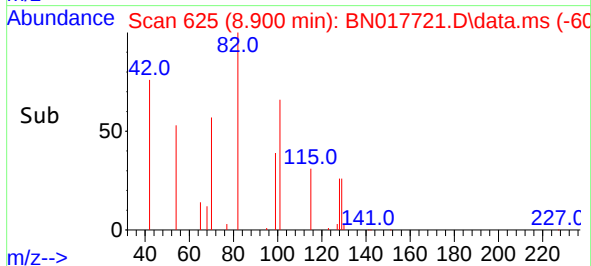


Tgt Ion: 82 Resp: 63960
Ion Ratio Lower Upper
82 100
128 26.4 27.7 41.5
54 54.7 49.2 73.8

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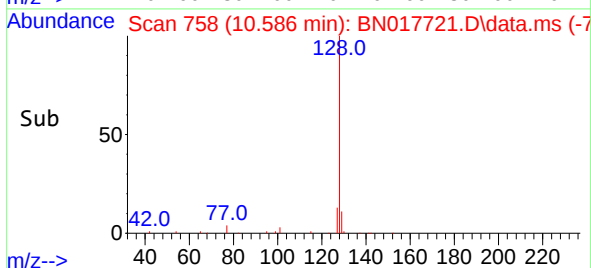
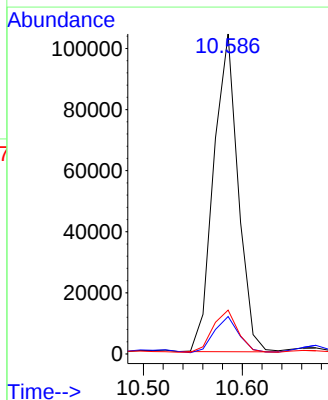
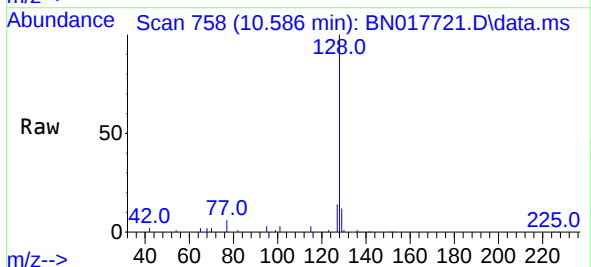
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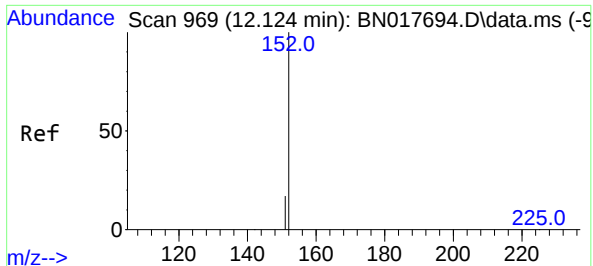
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#9
Naphthalene
Concen: 0.80 ng
RT: 10.586 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

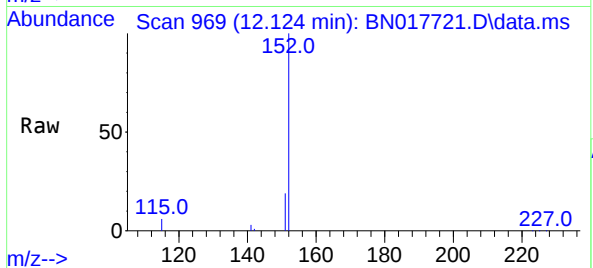
Tgt Ion:128 Resp: 178879
Ion Ratio Lower Upper
128 100
129 11.7 8.8 13.2
127 13.7 10.6 15.8





#11
2-Methylnaphthalene-d10
Concen: 0.26 ng
RT: 12.124 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

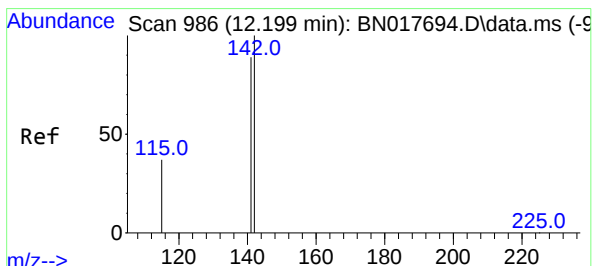
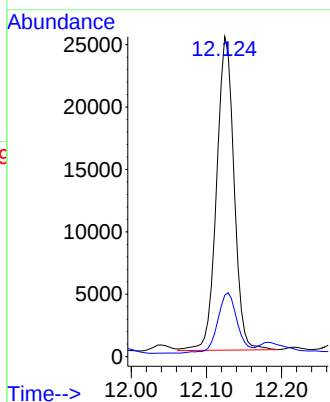
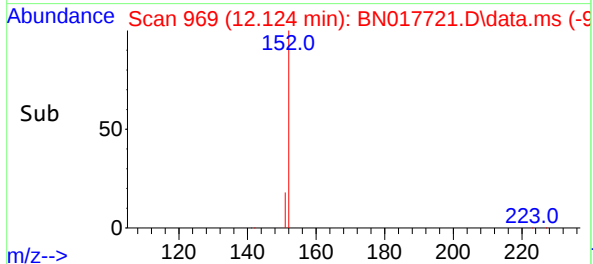
Instrument :
BNA_N
ClientSampleId :
MW-35



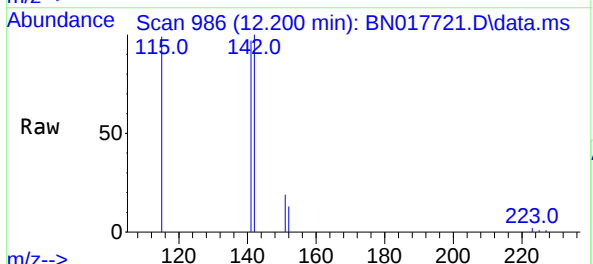
Tgt Ion:152 Resp: 40610
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.4

Manual Integrations
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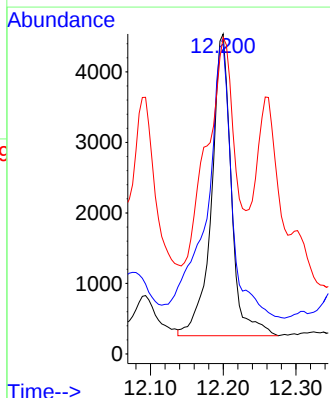
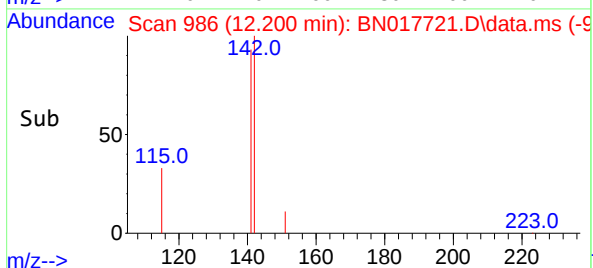
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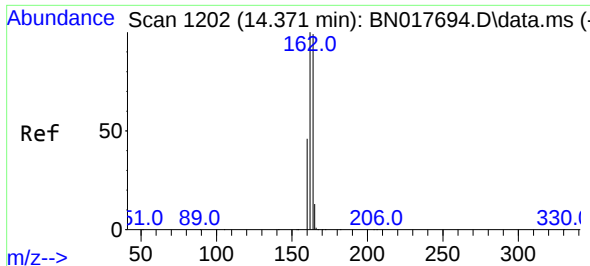


#12
2-Methylnaphthalene
Concen: 0.06 ng
RT: 12.200 min Scan# 986
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41



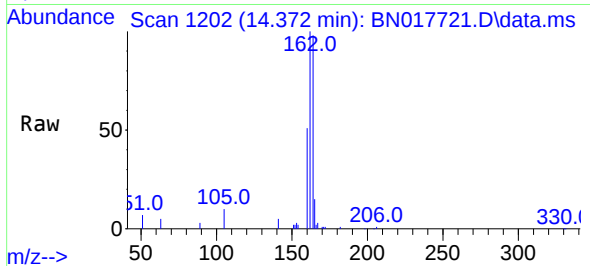
Tgt Ion:142 Resp: 8112
Ion Ratio Lower Upper
142 100
141 96.8 70.6 106.0
115 98.9 25.8 38.6#





#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

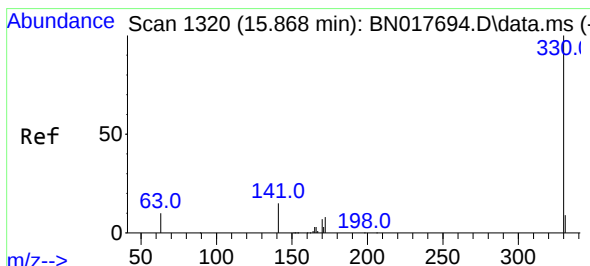
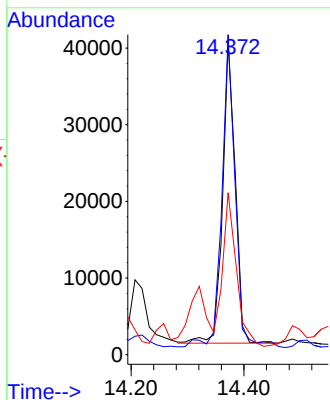
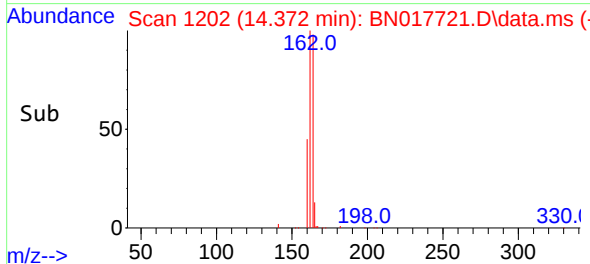
Instrument :
BNA_N
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MW-35



Tgt Ion:164 Resp: 60944
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.2
160 51.8 36.8 55.2

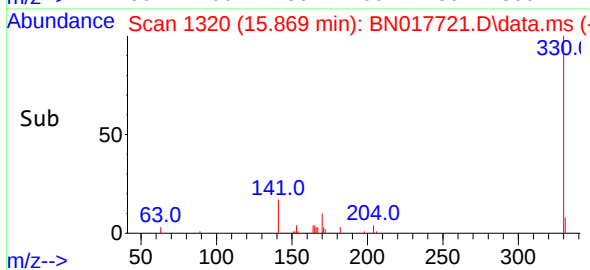
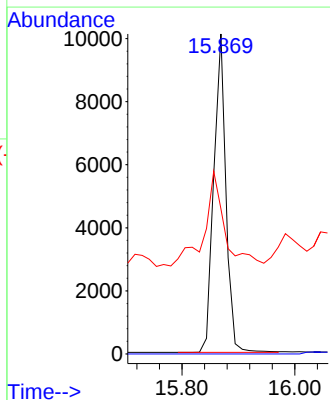
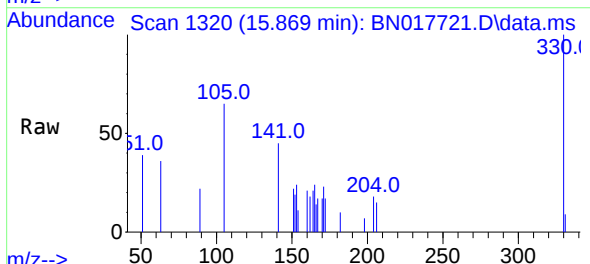
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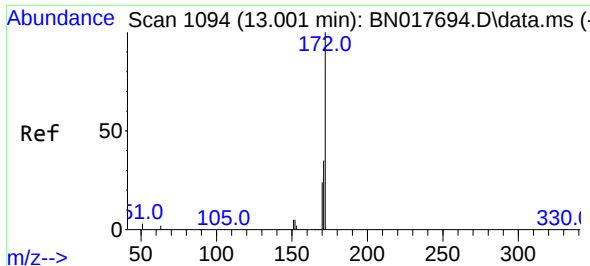
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#14
2,4,6-Tribromophenol
Concen: 0.52 ng
RT: 15.869 min Scan# 1320
Delta R.T. 0.001 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

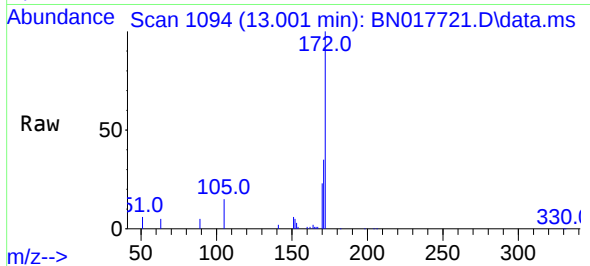
Tgt Ion:330 Resp: 15041
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 42.7 28.9 43.3





#15
2-Fluorobiphenyl
Concen: 0.29 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

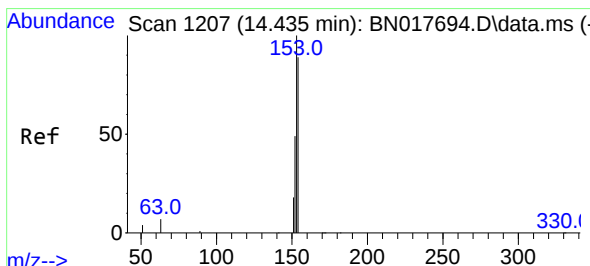
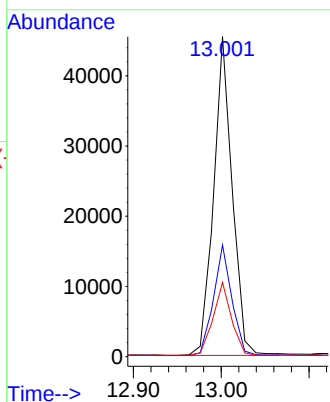
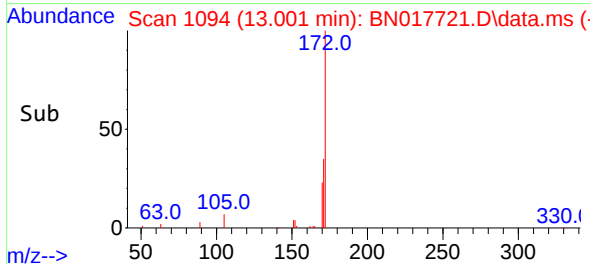
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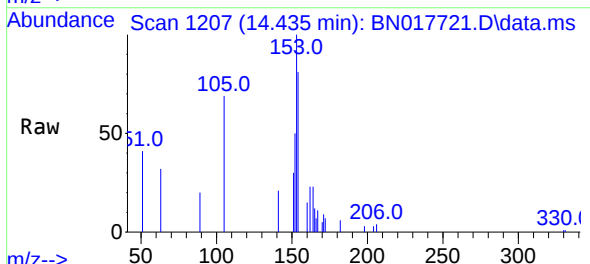
Tgt Ion:172 Resp: 67004
Ion Ratio Lower Upper
172 100
171 34.9 28.7 43.1
170 23.2 19.4 29.2

Manual Integrations
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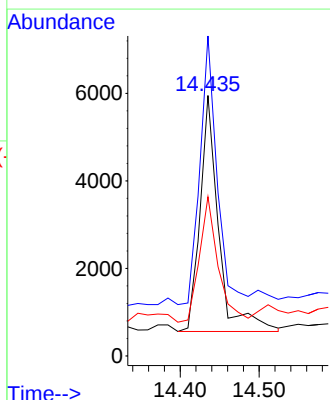
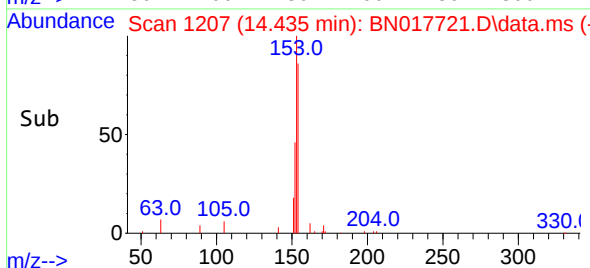
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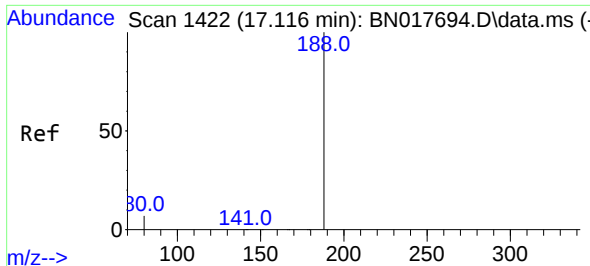


#17
Acenaphthene
Concen: 0.05 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41



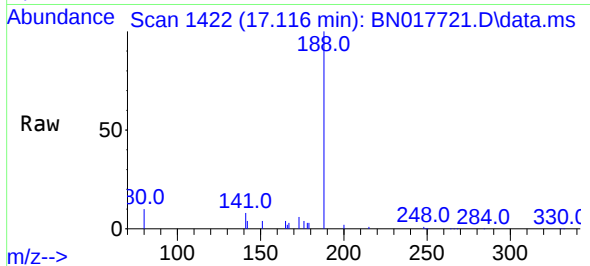
Tgt Ion:154 Resp: 8782
Ion Ratio Lower Upper
154 100
153 106.3 91.2 136.8
152 53.8 44.3 66.5





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

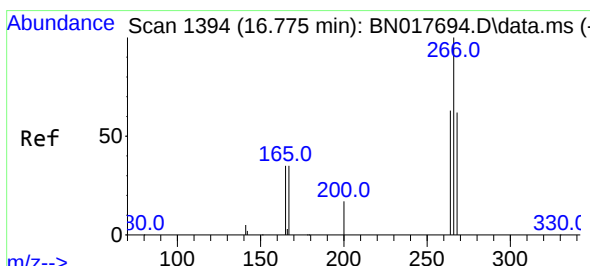
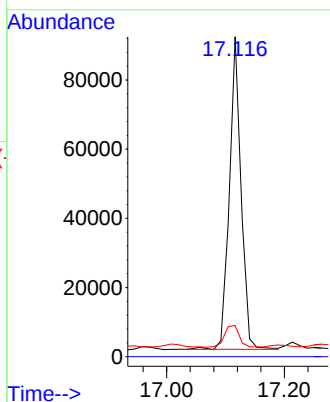
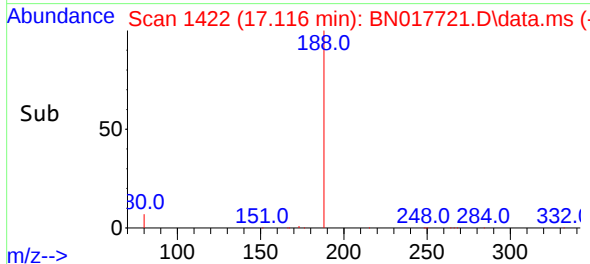
Instrument :
BNA_N
ClientSampleId :
MW-35



Tgt Ion:188 Resp: 125160
Ion Ratio Lower Upper
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94 0.0 0.0 0.0
80 9.8 6.1 9.1

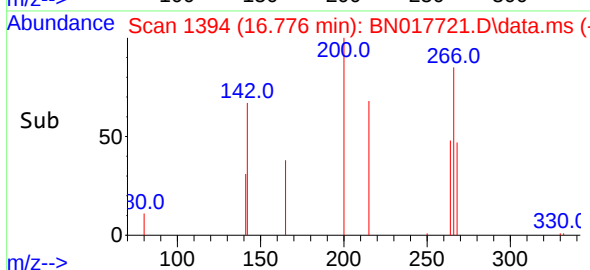
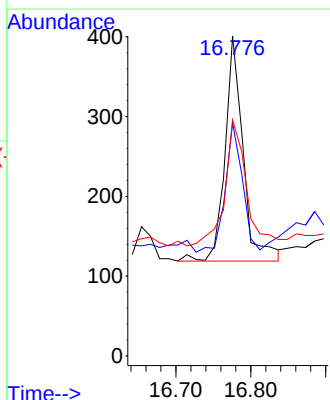
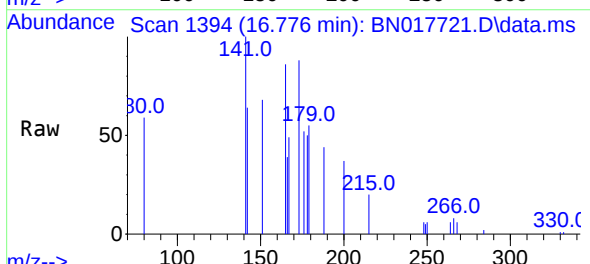
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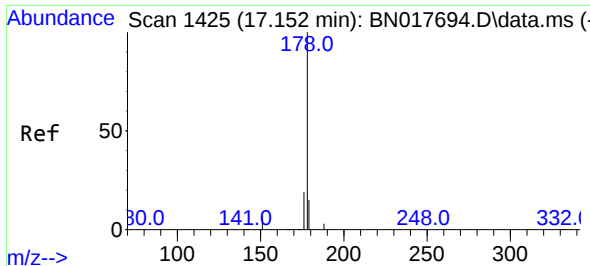
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021



#24
Pentachlorophenol
Concen: 0.29 ng
RT: 16.776 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

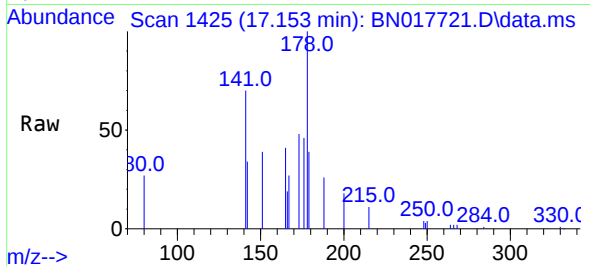
Tgt Ion:266 Resp: 475
Ion Ratio Lower Upper
266 100
264 53.9 49.8 74.8
268 65.9 51.3 76.9





#25
Phenanthrene
Concen: 0.04 ng m
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

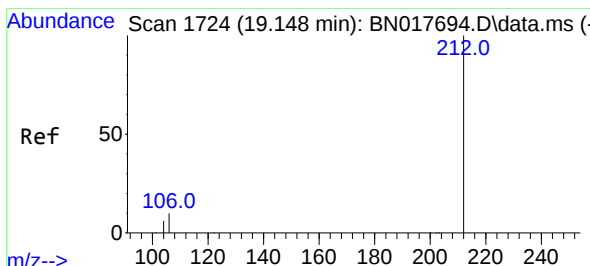
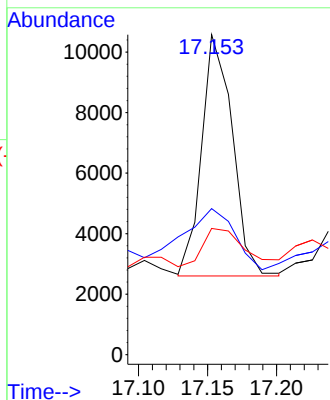
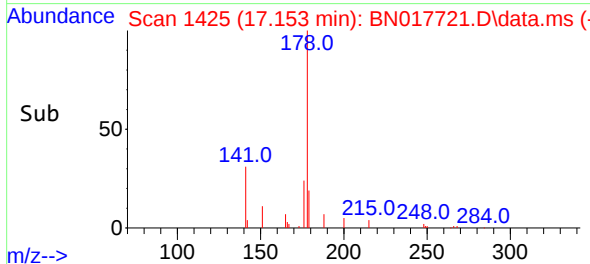
Instrument :
BNA_N
ClientSampleId :
MW-35



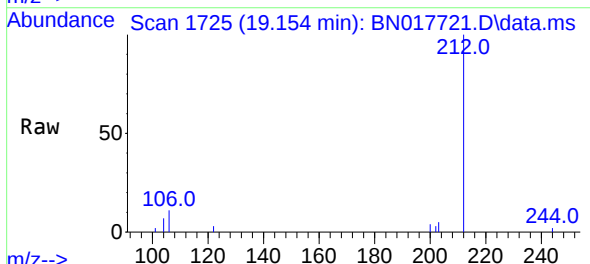
Tgt Ion:178 Resp: 12372
Ion Ratio Lower Upper
178 100
176 43.2 15.0 22.6#
179 22.7 12.3 18.5#

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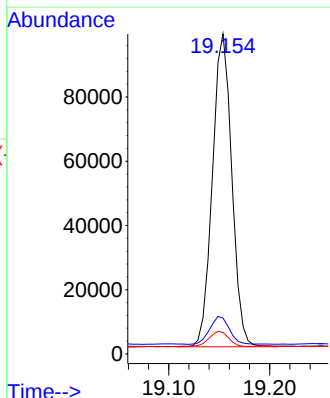
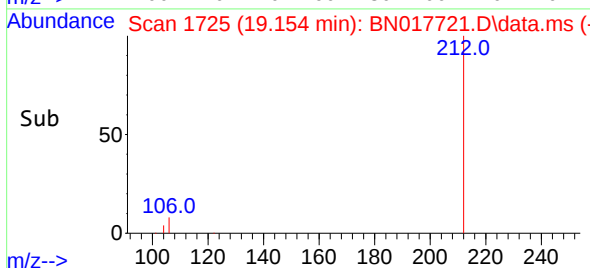
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

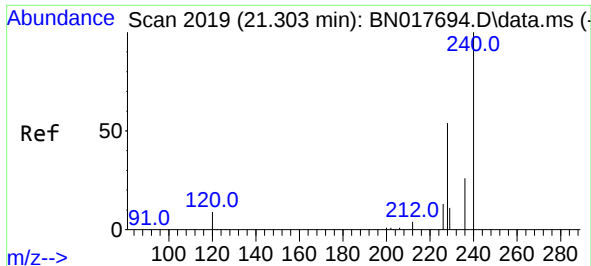


#27
Fluoranthene-d10
Concen: 0.32 ng
RT: 19.154 min Scan# 1725
Delta R.T. 0.005 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41



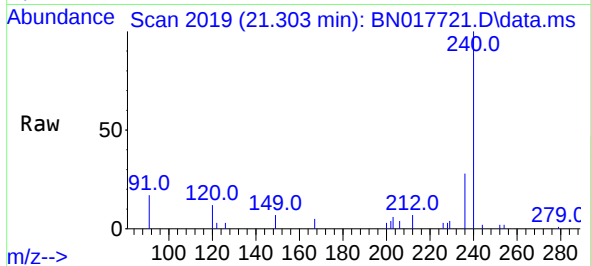
Tgt Ion:212 Resp: 129700
Ion Ratio Lower Upper
212 100
106 9.1 10.5 15.7#
104 5.0 5.8 8.6#





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

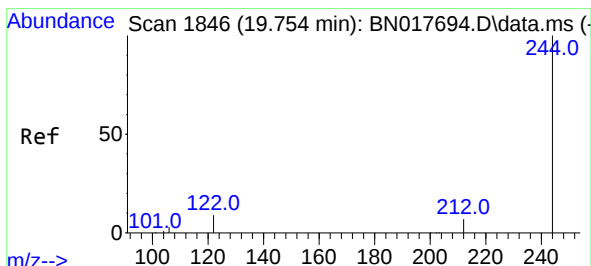
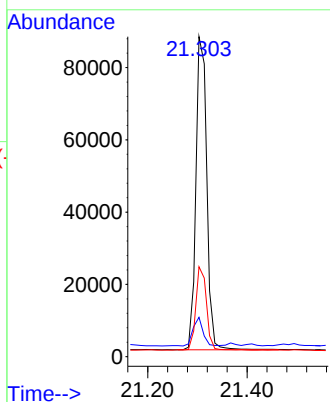
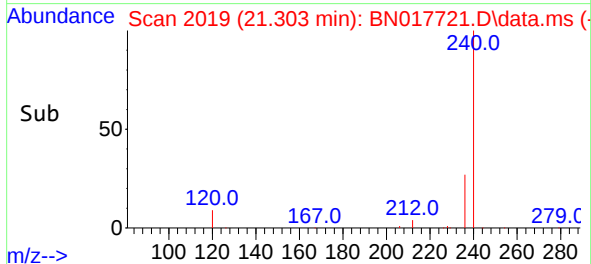
Instrument :
BNA_N
ClientSampleId :
MW-35



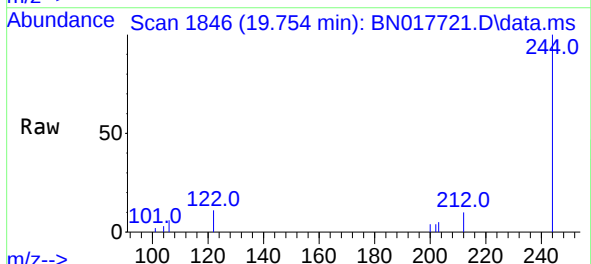
Tgt Ion:240 Resp: 131650
Ion Ratio Lower Upper
240 100
120 12.3 4.2 6.2
236 28.1 20.0 30.0

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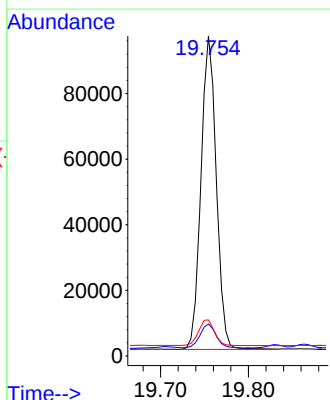
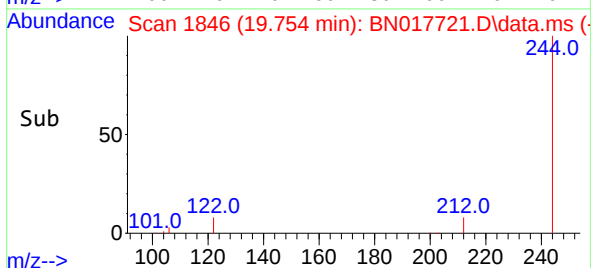
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

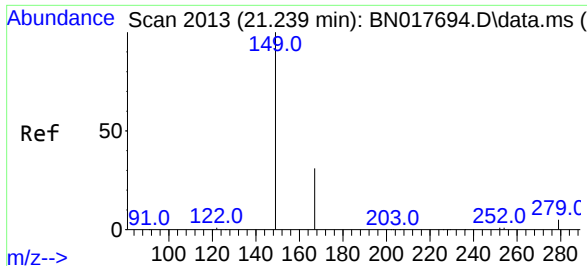


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41



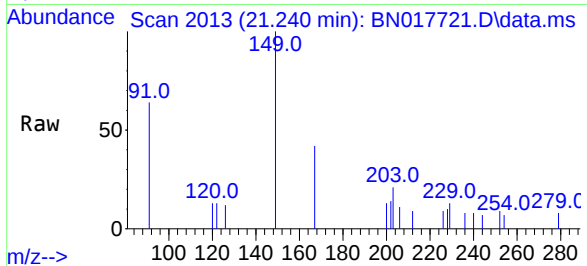
Tgt Ion:244 Resp: 115611
Ion Ratio Lower Upper
244 100
212 10.0 5.7 8.5
122 11.2 8.6 13.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.18 ng
RT: 21.240 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

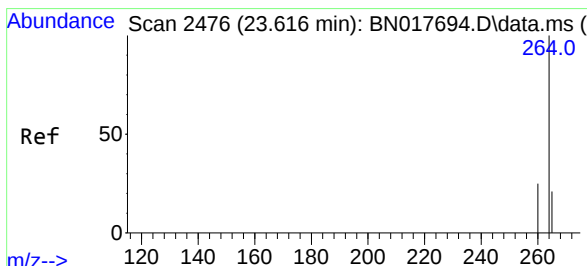
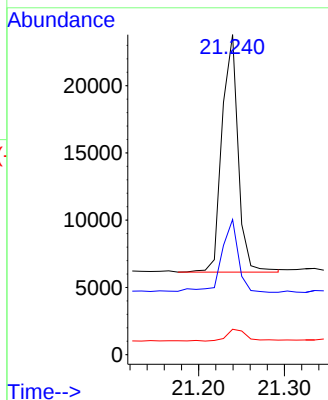
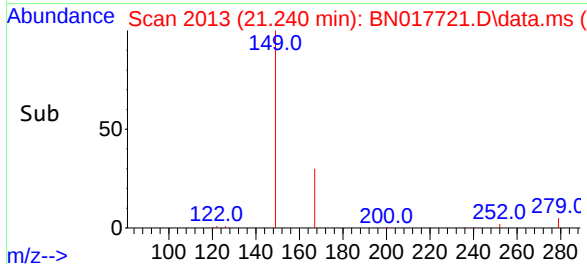
Instrument :
BNA_N
ClientSampleId :
MW-35



Tgt Ion:149 Resp: 23048
Ion Ratio Lower Upper
149 100
167 31.6 21.8 32.6
279 5.7 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: 23.616 min Scan# 2476
Delta R.T. 0.000 min
Lab File: BN017721.D
Acq: 04 Dec 2021 10:41

Tgt Ion:264 Resp: 128014
Ion Ratio Lower Upper
264 100
260 25.4 19.4 29.2
265 25.8 18.6 28.0

