

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
 Data File : BN017707.D
 Acq On : 04 Dec 2021 01:08
 Operator : CG/JU
 Sample : M4917-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP120121

Manual Integrations
 APPROVED

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

Quant Time: Dec 04 01:50:43 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	7.764	152	26685	0.40	ng	0.00
7) Naphthalene-d8	10.548	136	111490	0.40	ng	# 0.01
13) Acenaphthene-d10	14.372	164	147853	0.40	ng	# 0.00
19) Phenanthrene-d10	17.116	188	167191	0.40	ng	# 0.00
29) Chrysene-d12	21.303	240	183172	0.40	ng	# 0.00
35) Perylene-d12	23.609	264	187155	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.403	112	27923	0.44	ng	0.05
5) Phenol-d6	6.943	99	6518	0.10	ng	0.02
8) Nitrobenzene-d5	8.900	82	41478m	0.77	ng	0.00
11) 2-Methylnaphthalene-d10	12.133	152	39435	0.20	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	15146	0.30	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	71876	0.13	ng	0.00
27) Fluoranthene-d10	19.154	212	126127	0.23	ng	0.00
31) Terphenyl-d14	19.754	244	120964	0.30	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.611	128	23194436	81.59	ng	# 92
12) 2-Methylnaphthalene	12.218	142	8995939	48.45	ng	# 94
17) Acenaphthene	14.435	154	280987	0.72	ng	# 67
18) Fluorene	15.425	166	627817	1.30	ng	# 93
24) Pentachlorophenol	16.776	266	1061	0.30	ng	98
25) Phenanthrene	17.153	178	886982	2.00	ng	98
26) Anthracene	17.250	178	29497	0.08	ng	# 54
34) Bis(2-ethylhexyl)phtha...	21.229	149	34367	0.20	ng	# 91

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

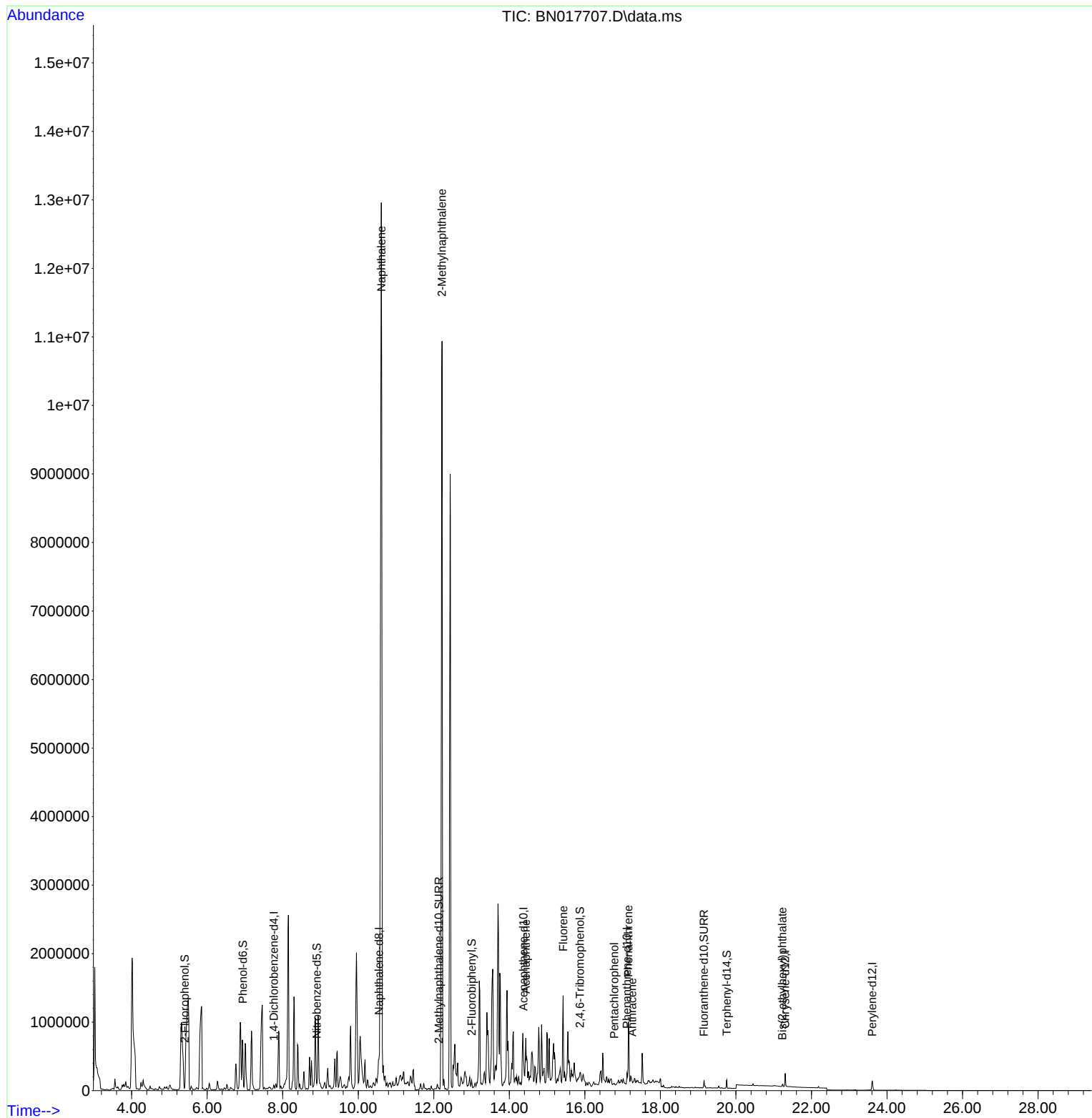
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120321\
Data File : BN017707.D
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ALS Vial : 18 Sample Multiplier: 1

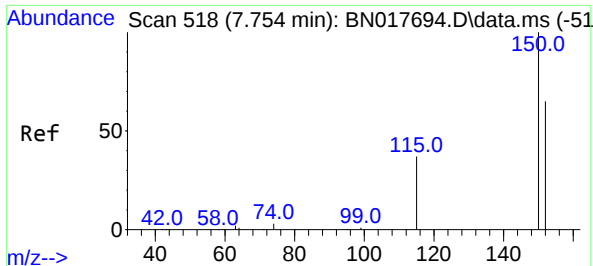
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120321.M
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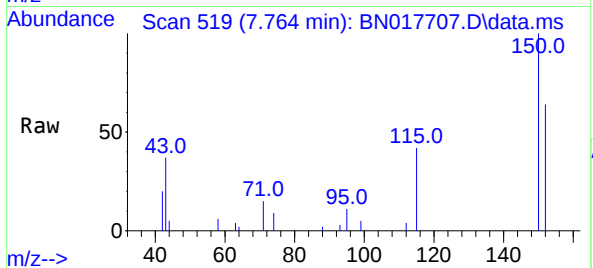
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1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.764 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Instrument :

BNA_N

ClientSampleId :

DUP120121

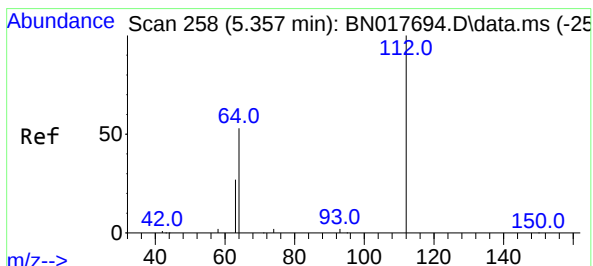
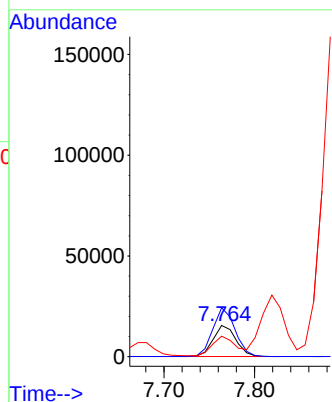


Tgt Ion:152 Resp: 2668
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.4
115 65.8 45.6 68.4

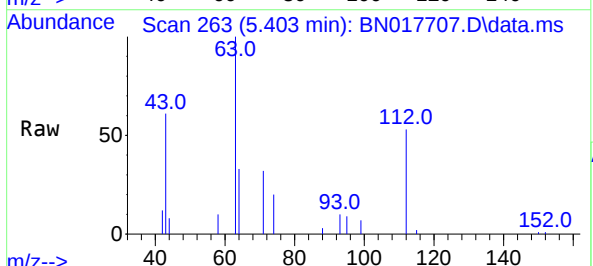
Manual Integrations

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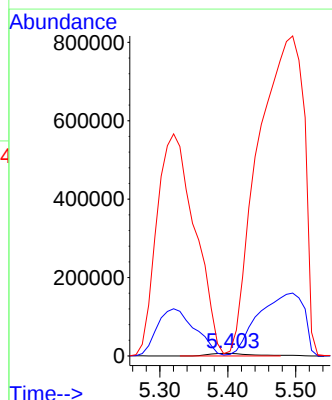
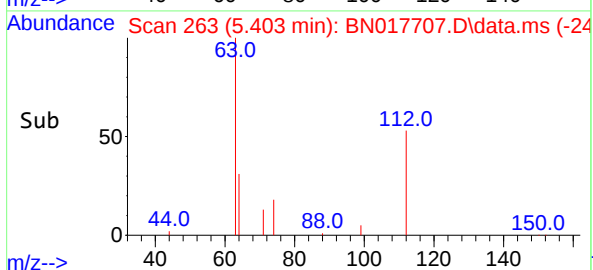
Reviewed By :Jagrut Upadhyay 12/06/2021
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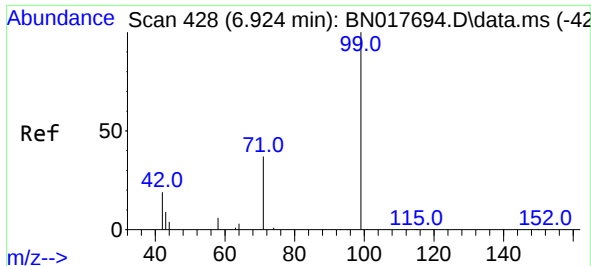


#4
2-Fluorophenol
Concen: 0.44 ng
RT: 5.403 min Scan# 263
Delta R.T. 0.047 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08



Tgt Ion:112 Resp: 27923
Ion Ratio Lower Upper
112 100
64 0.0 47.6 71.4#
63 0.0 24.6 37.0#





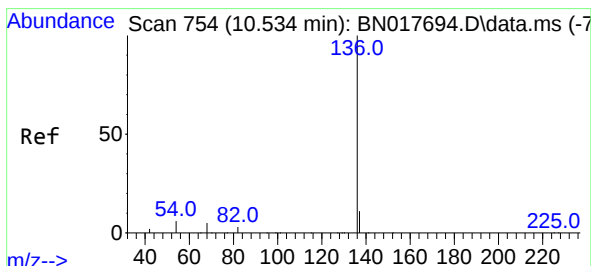
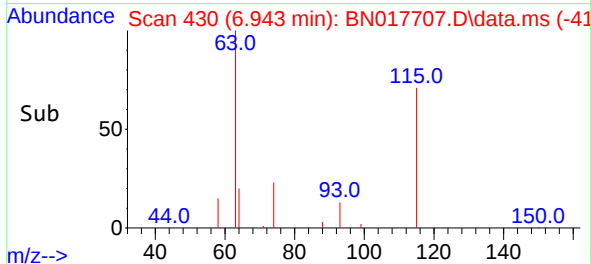
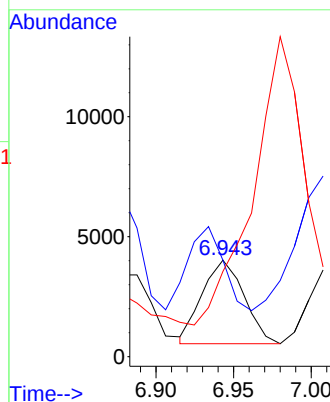
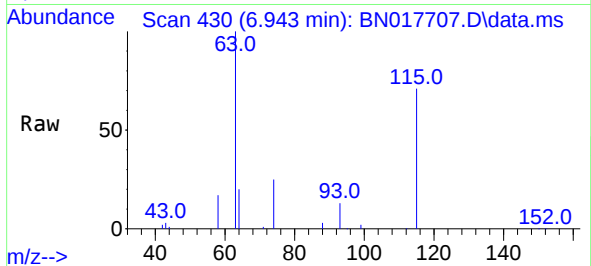
#5
Phenol-d6
Concen: 0.10 ng
RT: 6.943 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Instrument :
BNA_N
ClientSampleId :
DUP120121

Tgt Ion: 99 Resp: 6518
Ion Ratio Lower Upper
99 100
42 85.2 17.0 25.6
71 0.0 24.8 37.2

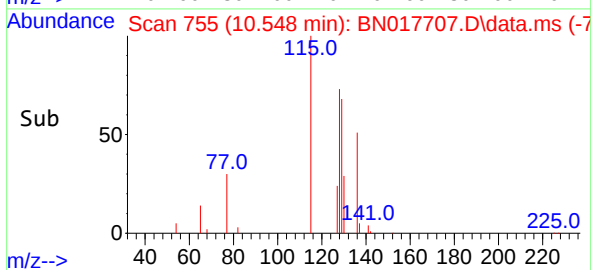
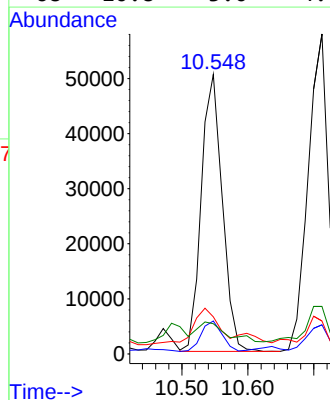
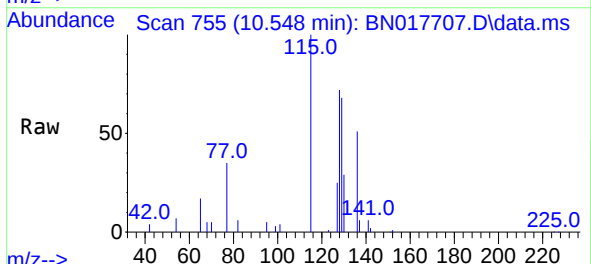
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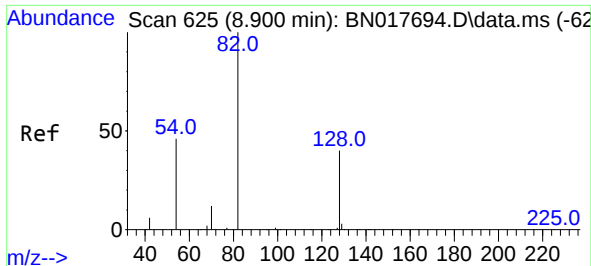
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#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.548 min Scan# 755
Delta R.T. 0.013 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Tgt Ion:136 Resp: 111490
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 13.3 4.0 6.0#
68 10.8 3.0 4.6#





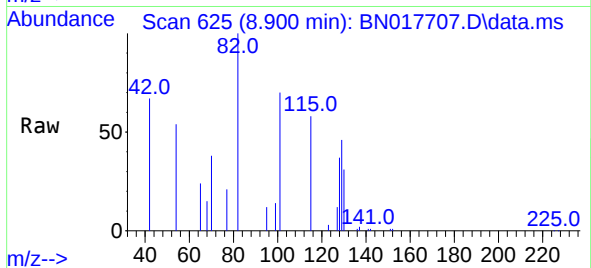
#8
Nitrobenzene-d5
Concen: 0.77 ng m
RT: 8.900 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Instrument :

BNA_N

ClientSampleId :

DUP120121

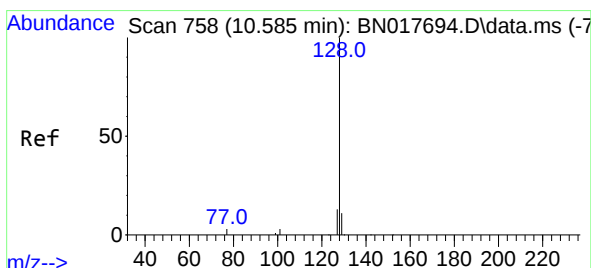
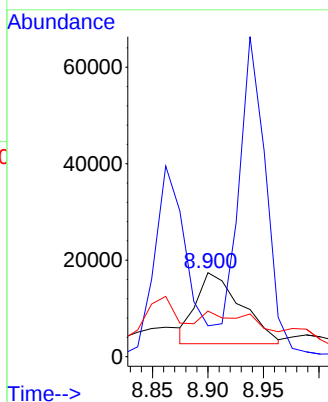
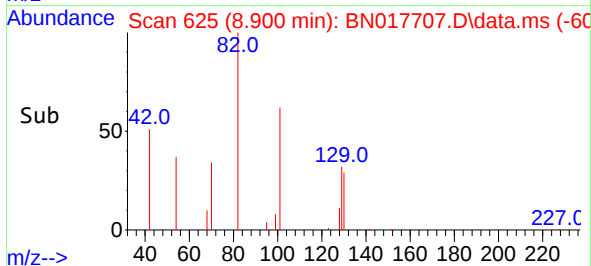


Tgt Ion: 82 Resp: 41478
Ion Ratio Lower Upper
82 100
128 36.8 27.7 41.5
54 54.4 49.2 73.8

Manual Integrations

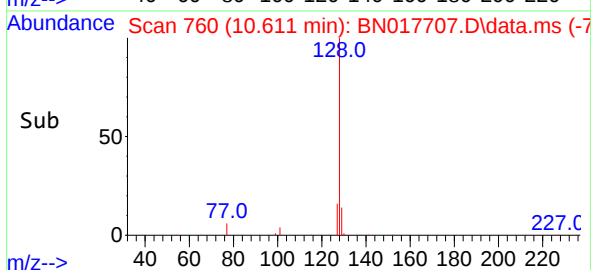
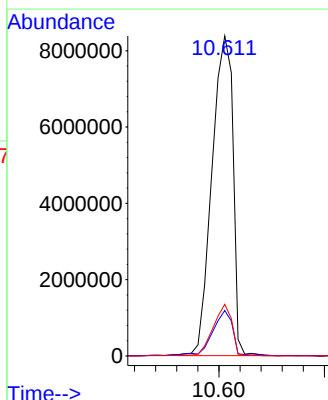
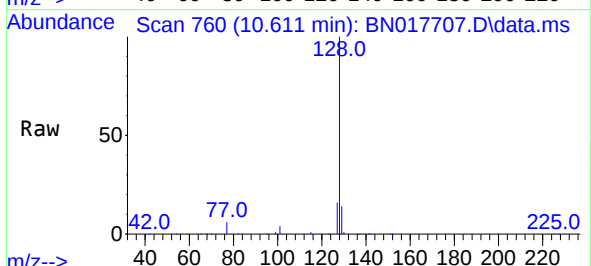
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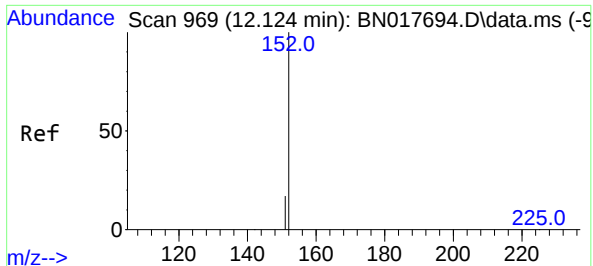
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#9
Naphthalene
Concen: 81.59 ng
RT: 10.611 min Scan# 760
Delta R.T. 0.026 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Tgt Ion:128 Resp:23194436
Ion Ratio Lower Upper
128 100
129 14.2 8.8 13.2#
127 16.2 10.6 15.8#





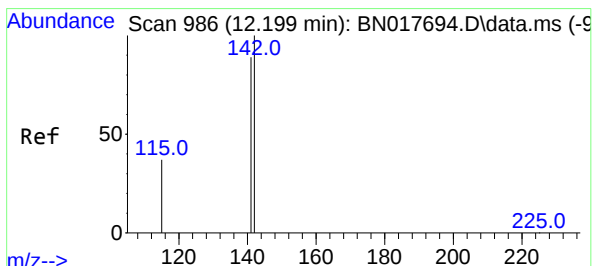
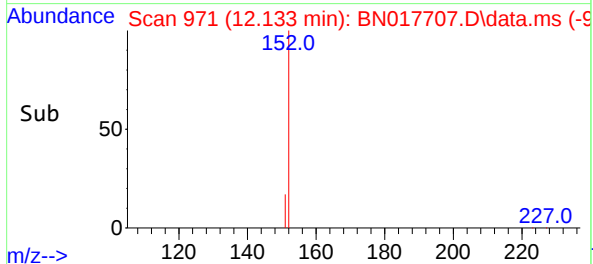
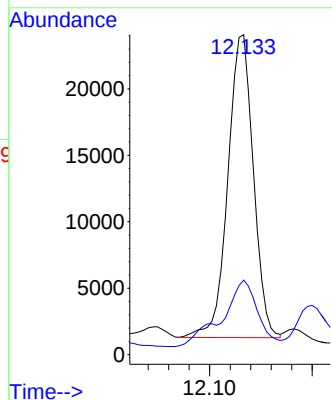
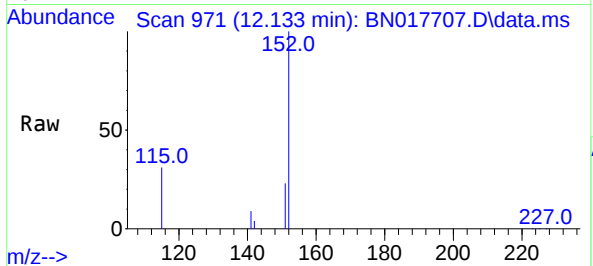
#11
2-Methylnaphthalene-d10
Concen: 0.20 ng
RT: 12.133 min Scan# 911
Delta R.T. 0.009 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Instrument :
BNA_N
ClientSampleId :
DUP120121

Tgt Ion:152 Resp: 39435
Ion Ratio Lower Upper
152 100
151 30.7 16.2 24.4

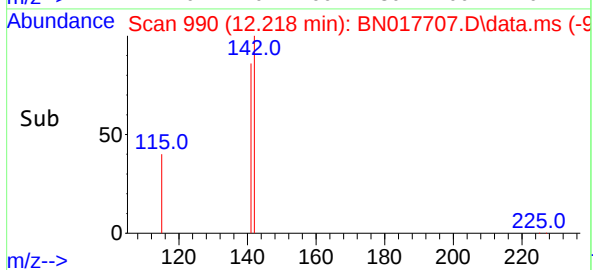
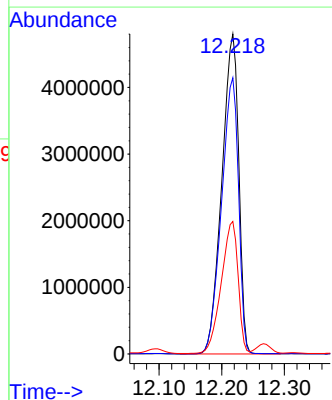
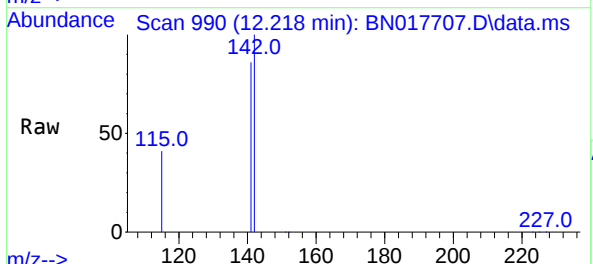
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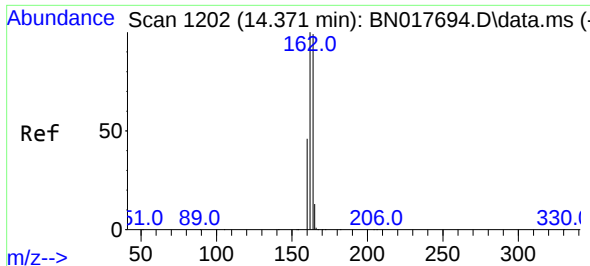
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#12
2-Methylnaphthalene
Concen: 48.45 ng
RT: 12.218 min Scan# 990
Delta R.T. 0.018 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Tgt Ion:142 Resp: 8995939
Ion Ratio Lower Upper
142 100
141 86.3 70.6 106.0
115 41.4 25.8 38.6





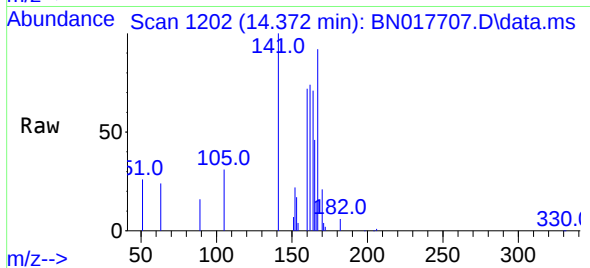
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Instrument :

BNA_N

ClientSampleId :

DUP120121

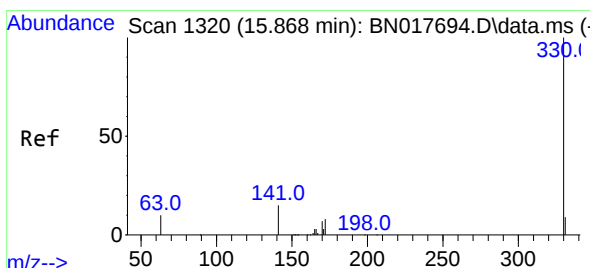
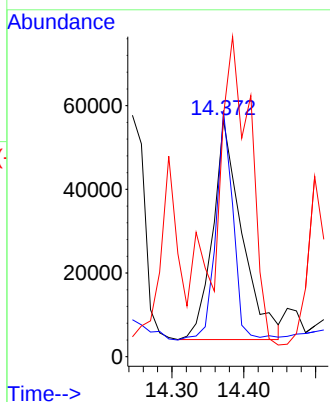
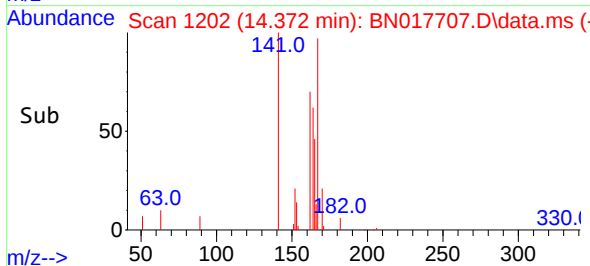


Tgt Ion:164 Resp: 14785
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.2
160 101.8 36.8 55.2

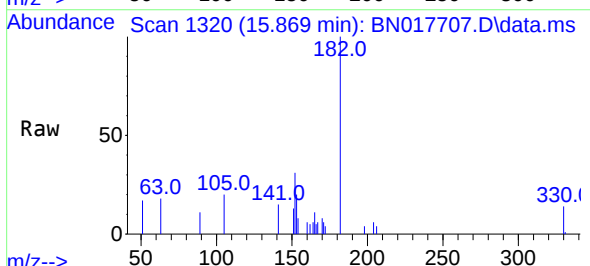
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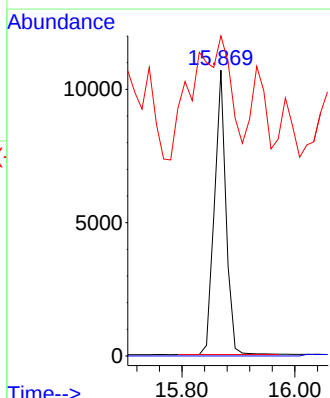
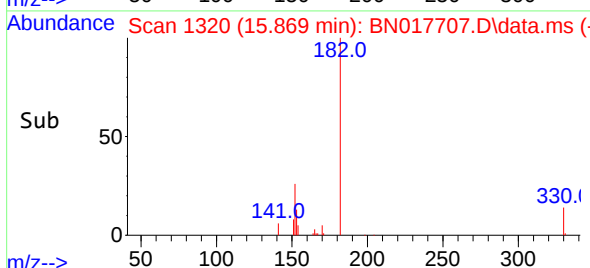
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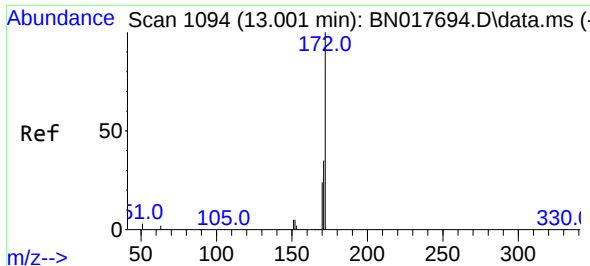


#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.869 min Scan# 1320
Delta R.T. 0.001 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08



Tgt Ion:330 Resp: 15146
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 106.5 28.9 43.3





#15
2-Fluorobiphenyl
Concen: 0.13 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Instrument :

BNA_N

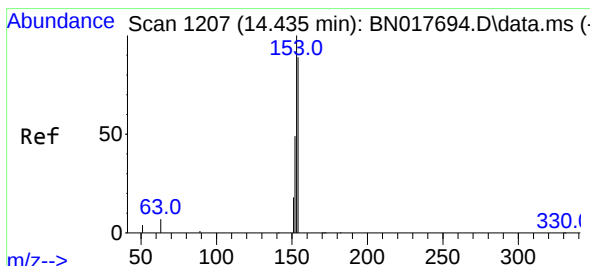
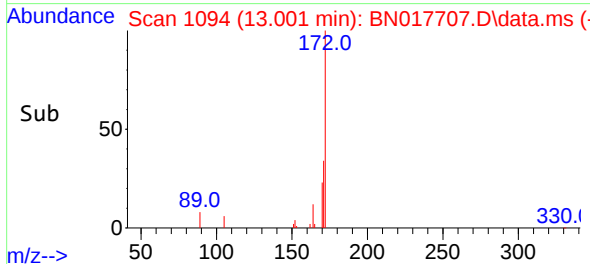
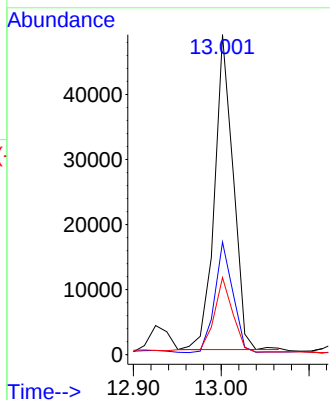
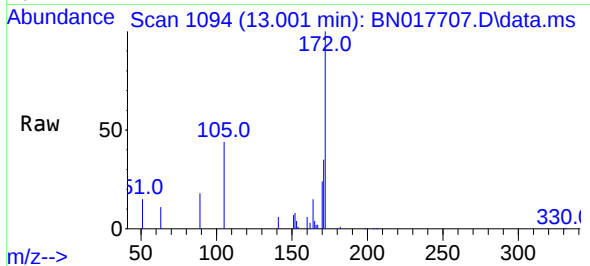
ClientSampleId :

DUP120121

Tgt Ion:172 Resp: 71870
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 24.1 19.4 29.2

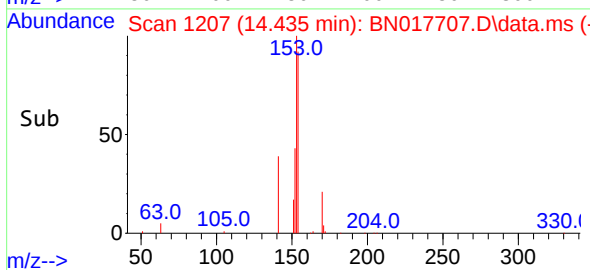
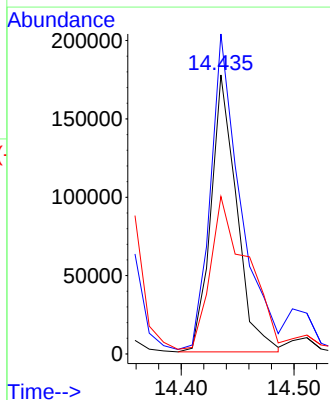
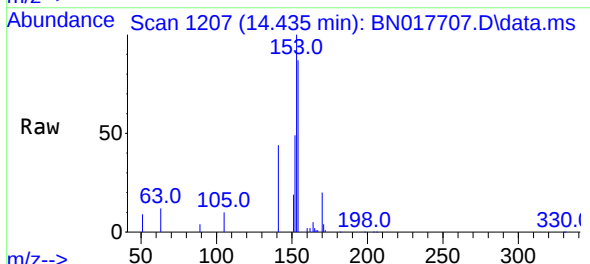
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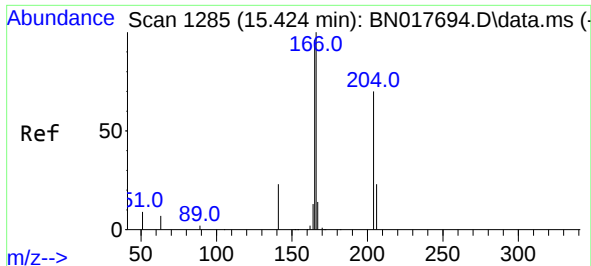
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#17
Acenaphthene
Concen: 0.72 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

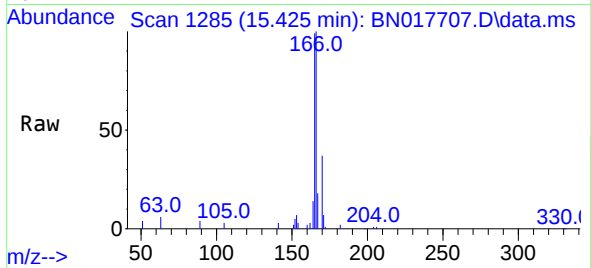
Tgt Ion:154 Resp: 280987
Ion Ratio Lower Upper
154 100
153 145.8 91.2 136.8#
152 84.8 44.3 66.5#





#18
Fluorene
Concen: 1.30 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

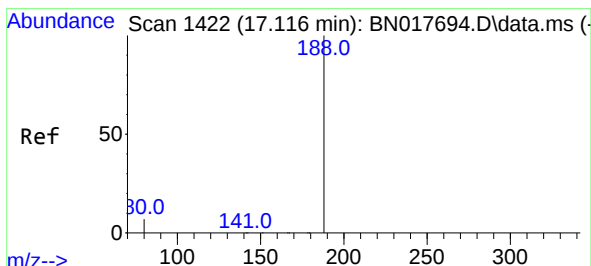
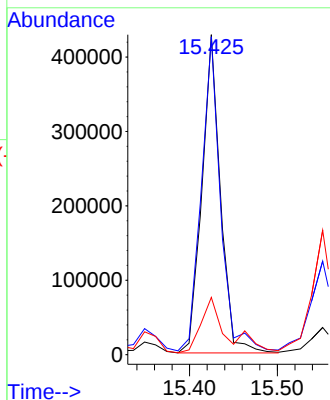
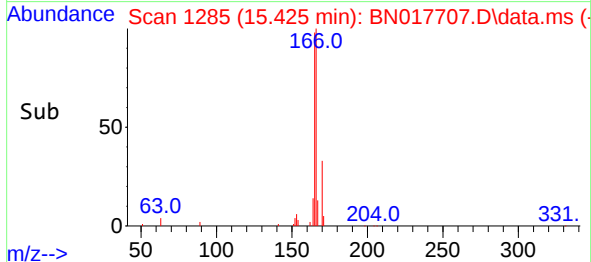
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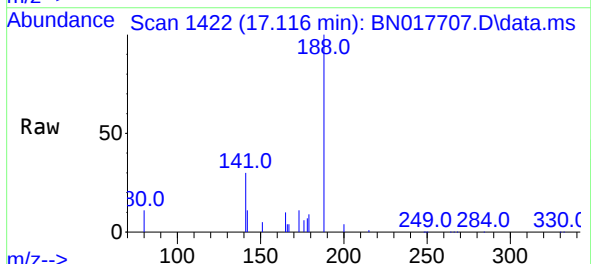
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Ion Ratio Lower Upper
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165 101.6 77.9 116.9
167 24.3 10.9 16.3

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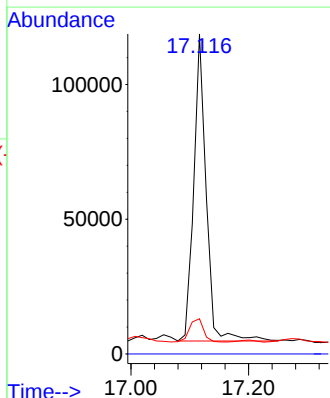
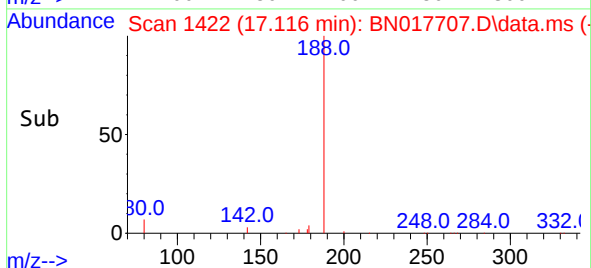
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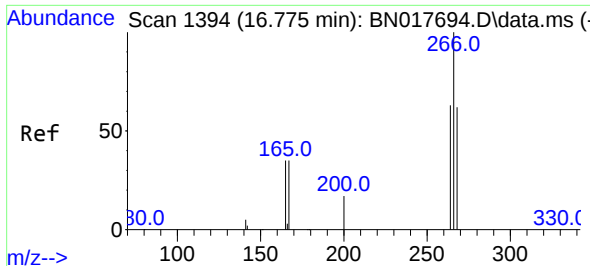


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08



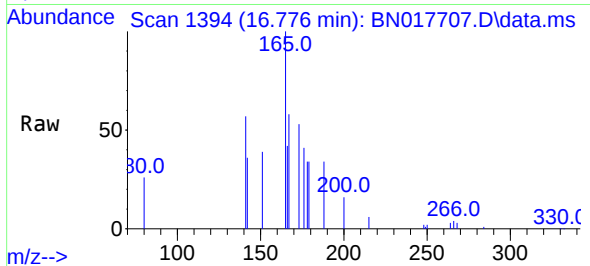
Tgt Ion:188 Resp: 167191
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 6.1 9.1





#24
Pentachlorophenol
Concen: 0.30 ng
RT: 16.776 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

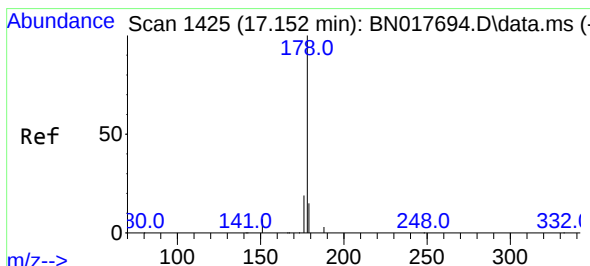
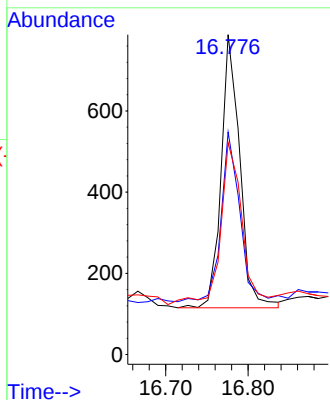
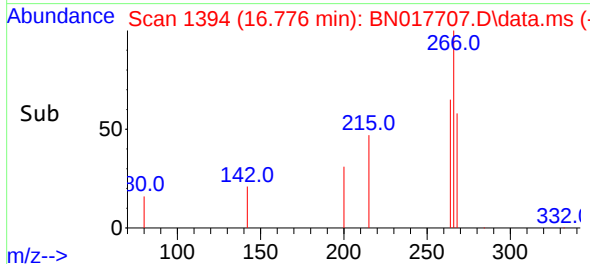
Instrument :
BNA_N
ClientSampleId :
DUP120121



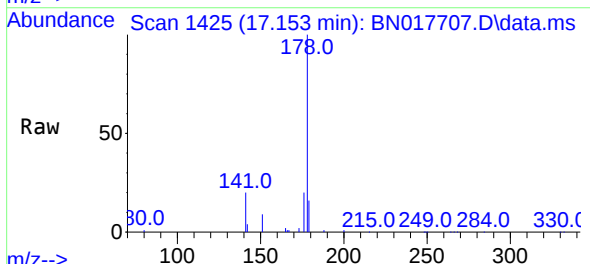
Tgt Ion:266 Resp: 106
Ion Ratio Lower Upper
266 100
264 62.2 49.8 74.8
268 67.4 51.3 76.9

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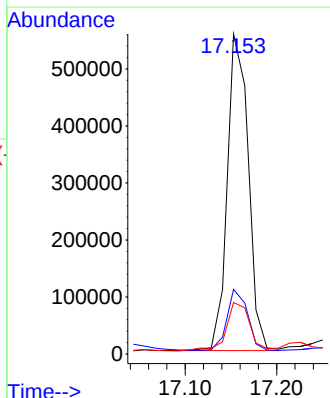
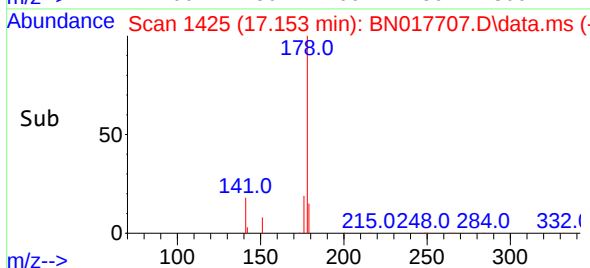
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

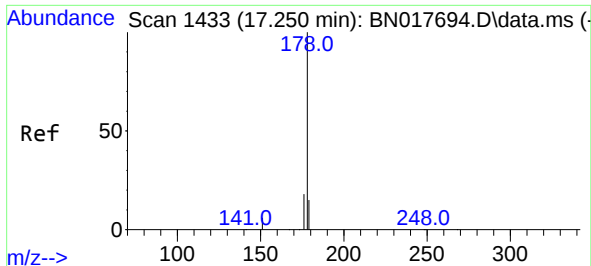


#25
Phenanthrene
Concen: 2.00 ng
RT: 17.153 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08



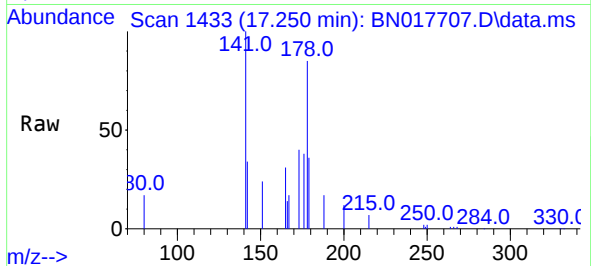
Tgt Ion:178 Resp: 886982
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 17.0 12.3 18.5





#26
 Anthracene
 Concen: 0.08 ng
 RT: 17.250 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BN017707.D
 Acq: 04 Dec 2021 01:08

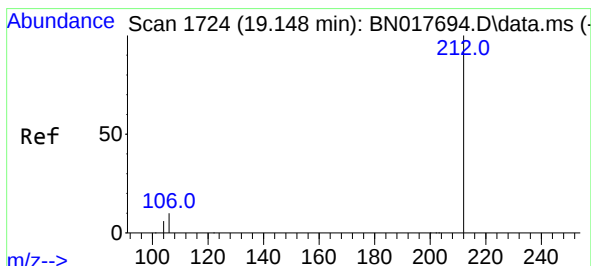
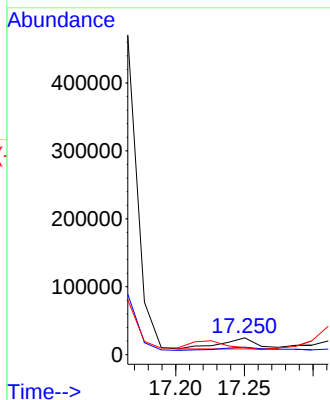
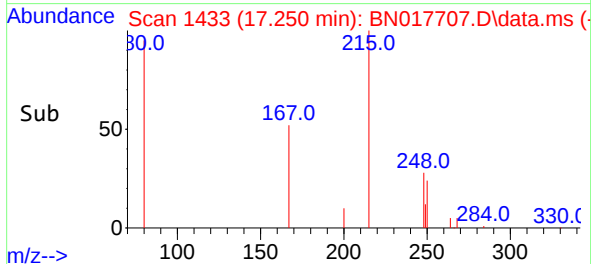
Instrument :
 BNA_N
 ClientSampleId :
 DUP120121



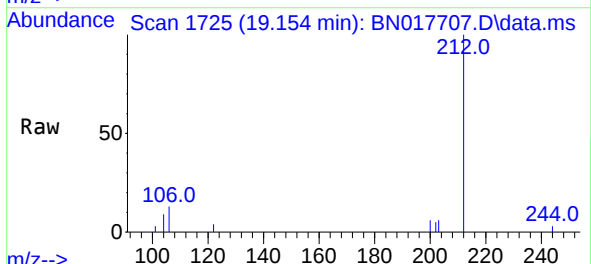
Tgt Ion:178 Resp: 29497
 Ion Ratio Lower Upper
 178 100
 176 42.1 14.6 22.0#
 179 0.0 12.2 18.4#

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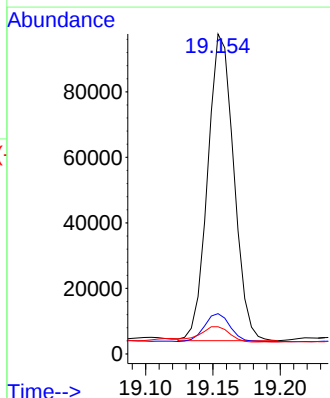
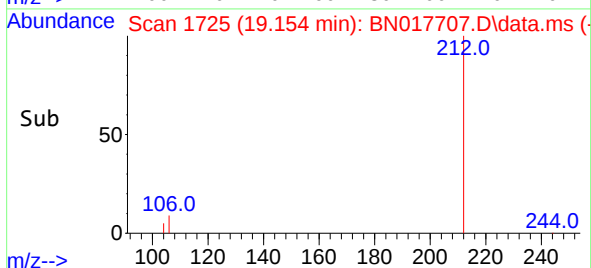
Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/10/2021

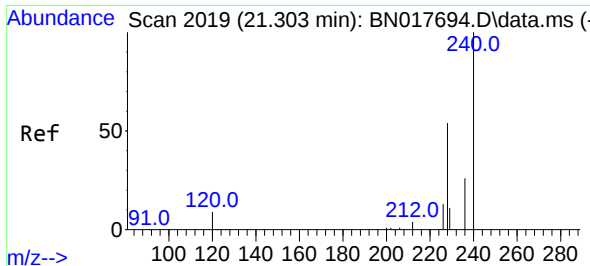


#27
 Fluoranthene-d10
 Concen: 0.23 ng
 RT: 19.154 min Scan# 1725
 Delta R.T. 0.005 min
 Lab File: BN017707.D
 Acq: 04 Dec 2021 01:08



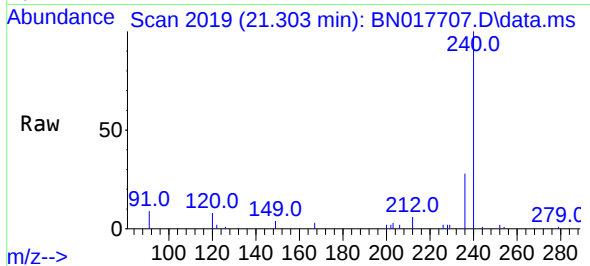
Tgt Ion:212 Resp: 126127
 Ion Ratio Lower Upper
 212 100
 106 9.0 10.5 15.7#
 104 5.4 5.8 8.6#





#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

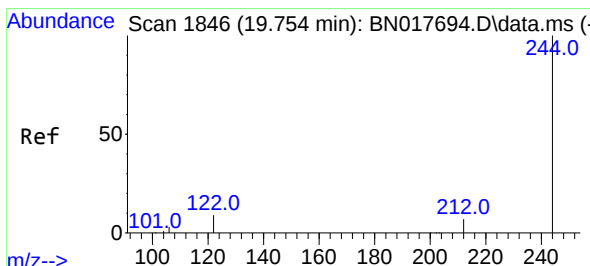
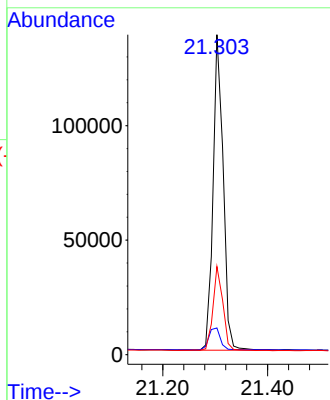
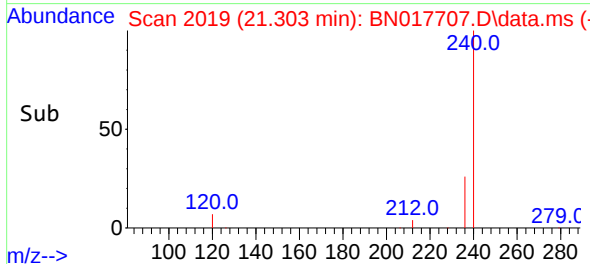
Instrument :
BNA_N
ClientSampleId :
DUP120121



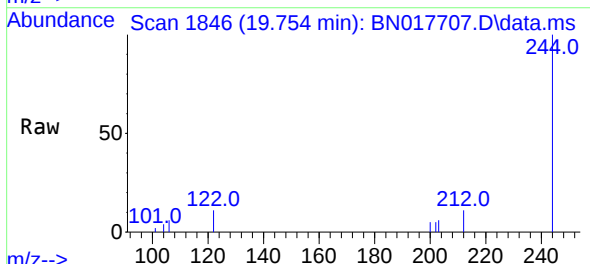
Tgt Ion:240 Resp: 183172
Ion Ratio Lower Upper
240 100
120 8.4 4.2 6.2
236 27.5 20.0 30.0

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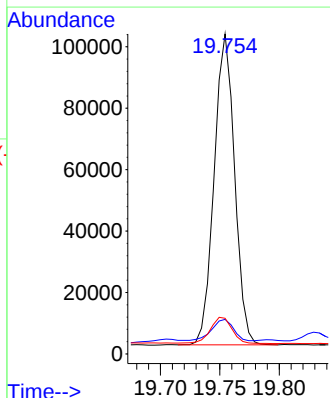
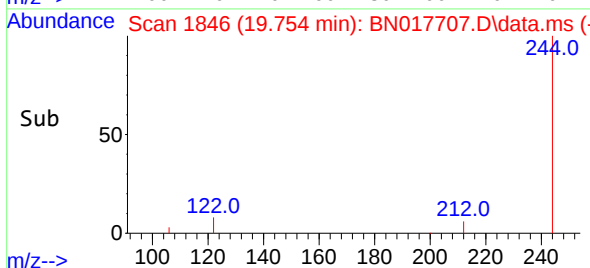
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/10/2021

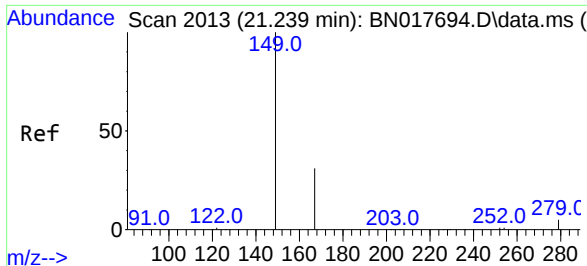


#31
Terphenyl-d14
Concen: 0.30 ng
RT: 19.754 min Scan# 1846
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08



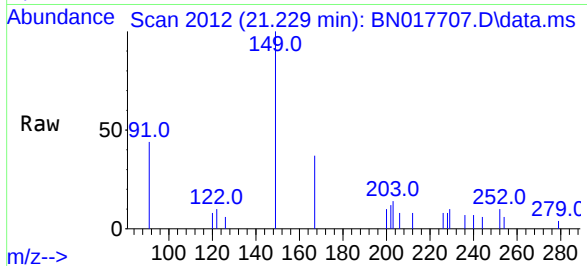
Tgt Ion:244 Resp: 120964
Ion Ratio Lower Upper
244 100
212 10.8 5.7 8.5
122 11.2 8.6 13.0





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.20 ng
RT: 21.229 min Scan# 2013
Delta R.T. -0.010 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

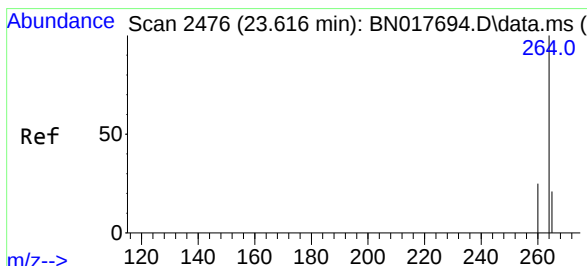
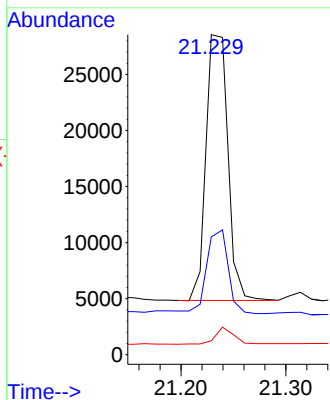
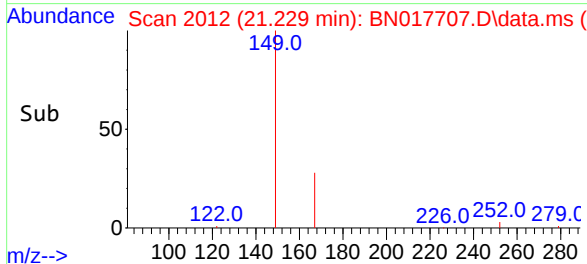
Instrument :
BNA_N
ClientSampleId :
DUP120121



Tgt Ion:149 Resp: 3436
Ion Ratio Lower Upper
149 100
167 32.2 21.8 32.6
279 5.5 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: 23.609 min Scan# 2474
Delta R.T. -0.006 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Tgt Ion:264 Resp: 187155
Ion Ratio Lower Upper
264 100
260 25.2 19.4 29.2
265 23.6 18.6 28.0

