

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

Quant Time: Dec 04 01:41:55 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)

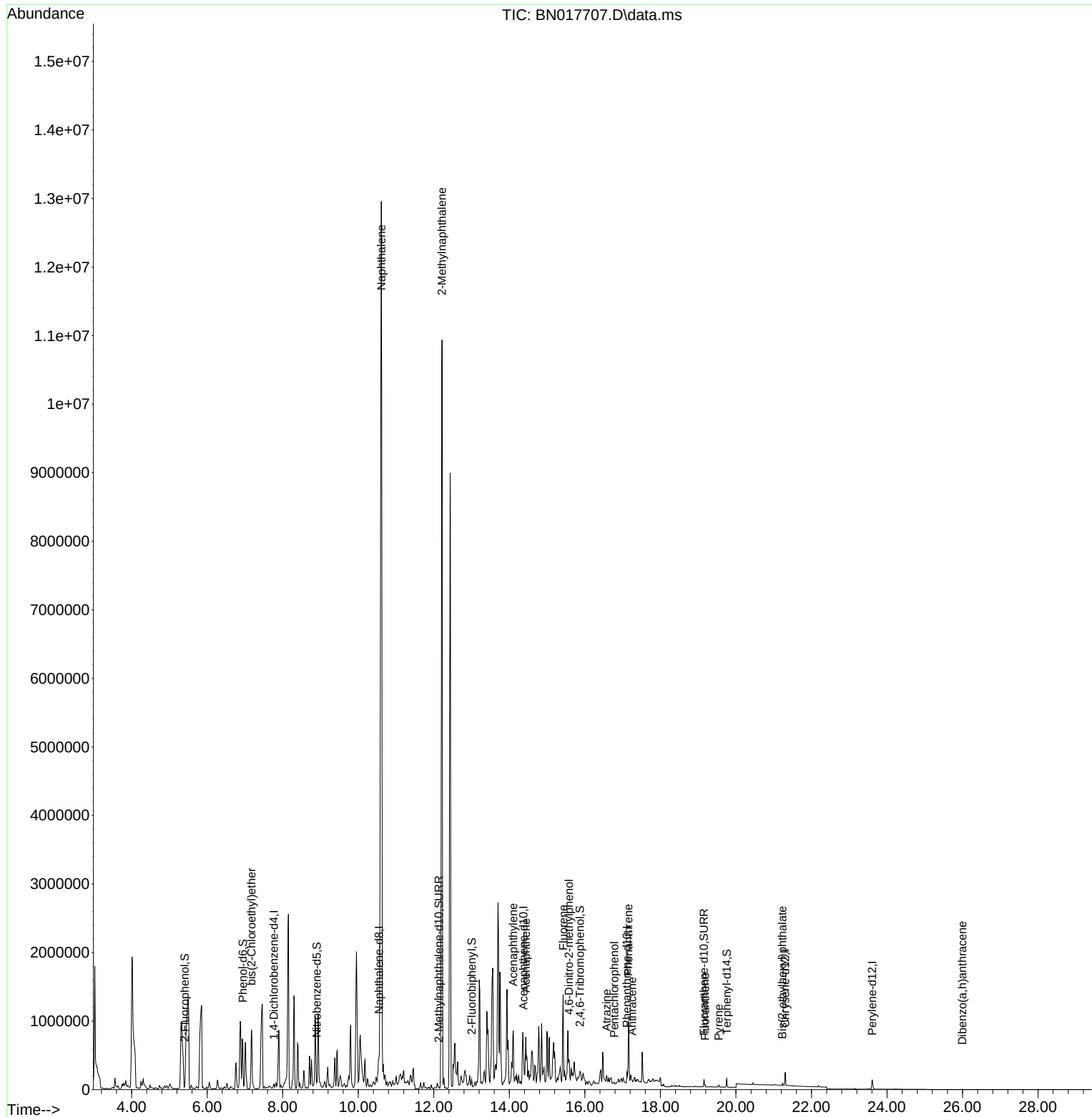
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	26685	0.400	ng	0.00
7) Naphthalene-d8	10.548	136	111490	0.400	ng	# 0.01
13) Acenaphthene-d10	14.372	164	147853	0.400	ng	# 0.00
19) Phenanthrene-d10	17.116	188	167191	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	183172	0.400	ng	# 0.00
35) Perylene-d12	23.609	264	187155	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.403	112	27923	0.444	ng	0.05
5) Phenol-d6	6.943	99	6518	0.102	ng	0.02
8) Nitrobenzene-d5	8.900	82	71518	1.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.133	152	39435	0.200	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	15146	0.295	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	71876	0.128	ng	0.00
27) Fluoranthene-d10	19.154	212	126127	0.231	ng	0.00
31) Terphenyl-d14	19.754	244	120964	0.298	ng	0.00
Target Compounds						
						Qvalue
6) bis(2-Chloroethyl)ether	7.174	93	71216	1.042	ng	# 1
9) Naphthalene	10.611	128	23194436	81.589	ng	# 92
12) 2-Methylnaphthalene	12.218	142	8995939	48.453	ng	# 94
16) Acenaphthylene	14.105	152	121762	0.214	ng	# 1
17) Acenaphthene	14.435	154	280987	0.725	ng	# 67
18) Fluorene	15.425	166	627817	1.304	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.577	198	22217	2.015	ng	# 42
23) Atrazine	16.581	200	3568	0.140	ng	# 1
24) Pentachlorophenol	16.776	266	1061	0.302	ng	98
25) Phenanthrene	17.153	178	886982	1.996	ng	98
26) Anthracene	17.250	178	29497	0.077	ng	# 54
28) Fluoranthene	19.184	202	25462	0.048	ng	# 93
30) Pyrene	19.546	202	31458	0.054	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.229	149	34367	0.197	ng	# 91
40) Dibenzo(a,h)anthracene	25.991	278	816	0.084	ng	# 1

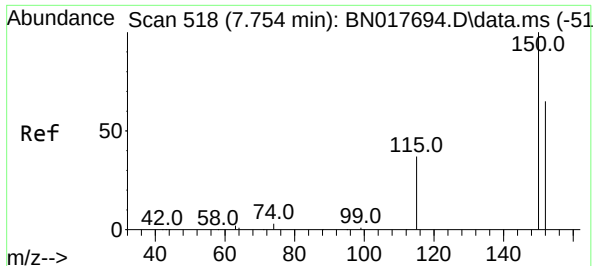
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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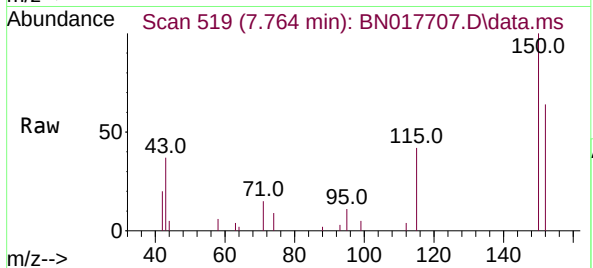
Quant Time: Dec 04 01:41:55 2021
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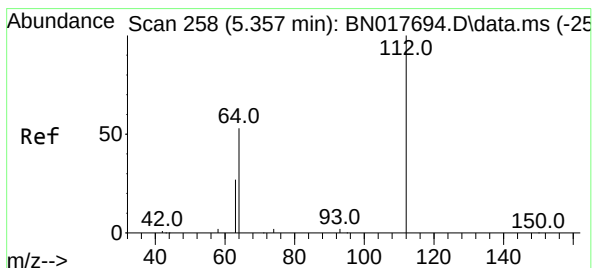
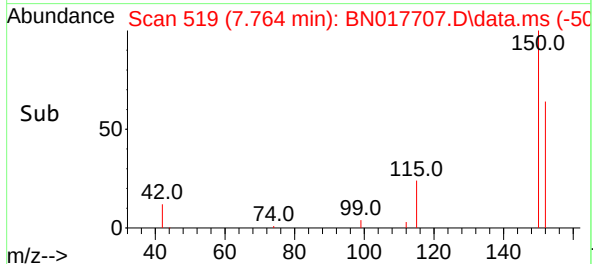
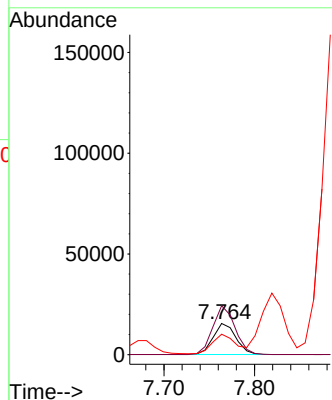


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.764 min Scan# 51
Delta R.T. 0.010 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Instrument :
BNA_N
ClientSampleId :
DUP120121

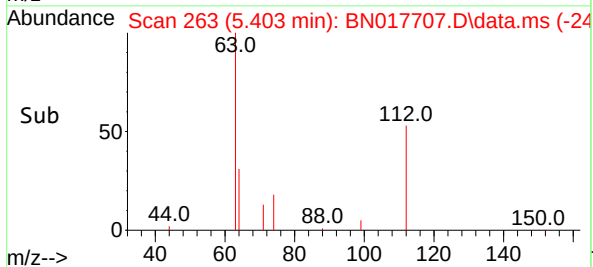
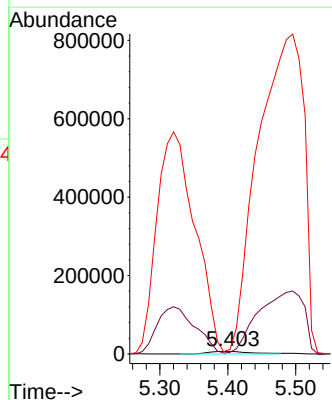
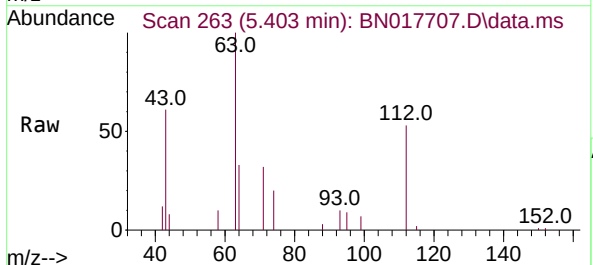


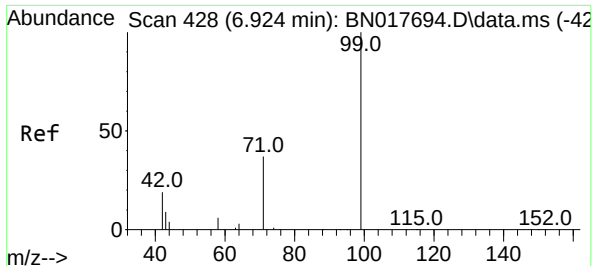
Tgt Ion:152 Resp: 26685
Ion Ratio Lower Upper
152 100
150 156.9 123.0 184.4
115 65.8 45.6 68.4



#4
2-Fluorophenol
Concen: 0.444 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#

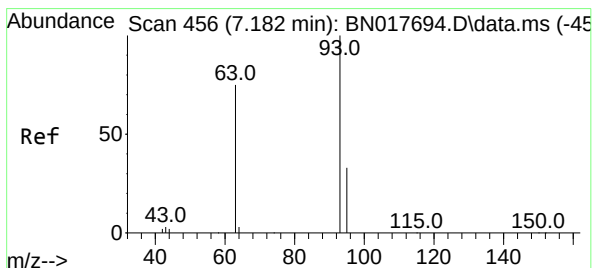
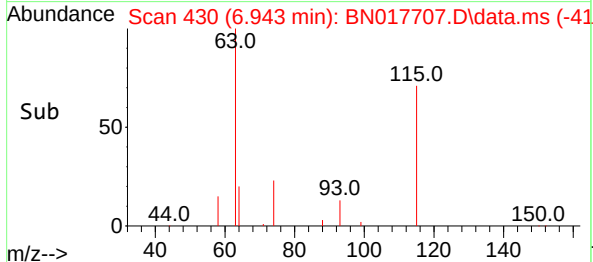
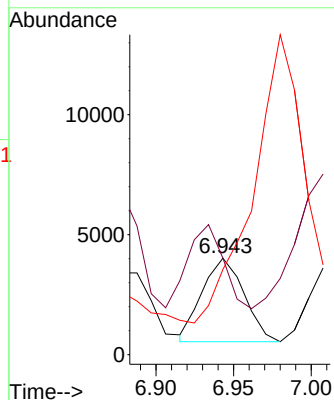
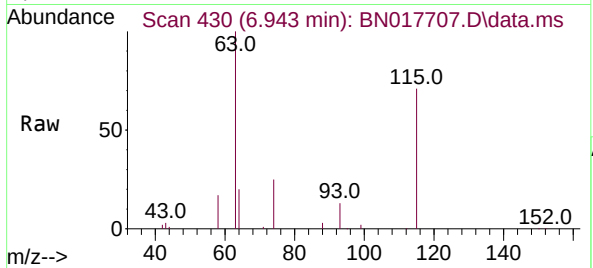




#5
Phenol-d6
Concen: 0.102 ng
RT: 6.943 min Scan# 41
Delta R.T. 0.019 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

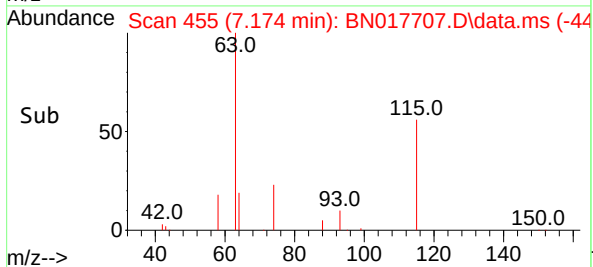
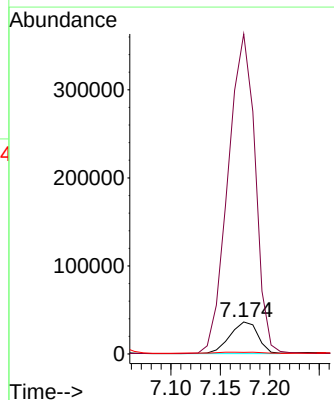
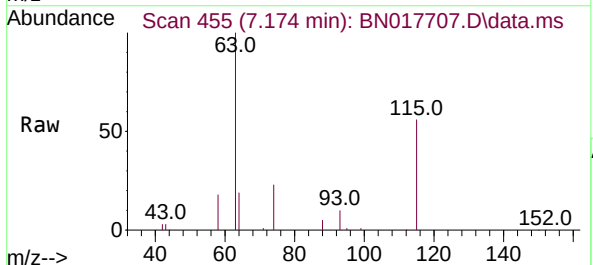
Instrument :
BNA_N
ClientSampleId :
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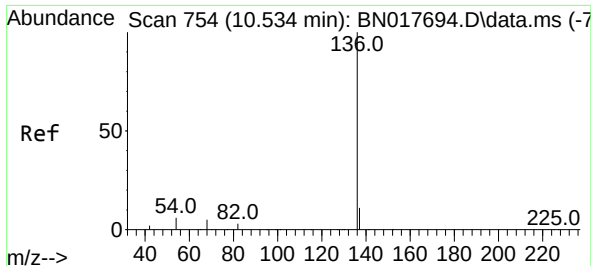
Tgt Ion: 99 Resp: 6518
Ion Ratio Lower Upper
99 100
42 85.2 17.0 25.6#
71 0.0 24.8 37.2#



#6
bis(2-Chloroethyl)ether
Concen: 1.042 ng
RT: 7.174 min Scan# 455
Delta R.T. -0.009 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Tgt Ion: 93 Resp: 71216
Ion Ratio Lower Upper
93 100
63 975.8 65.8 98.6#
95 5.4 26.6 39.8#

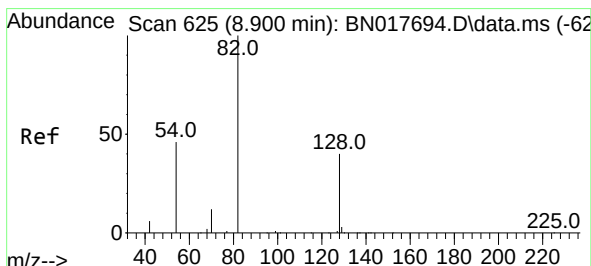
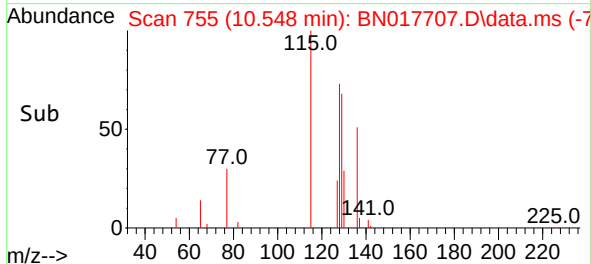
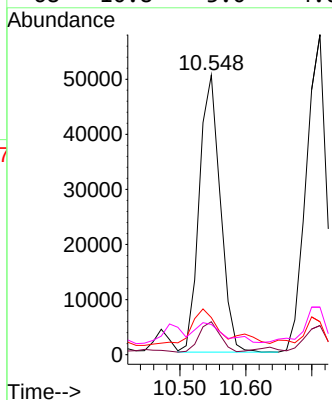
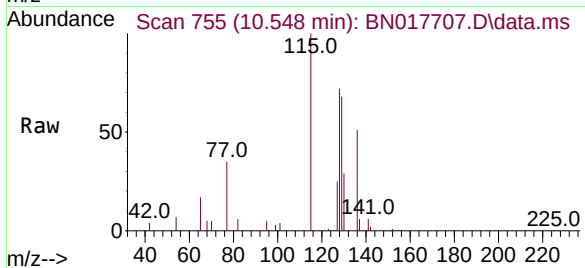




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.548 min Scan# 71
Delta R.T. 0.013 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

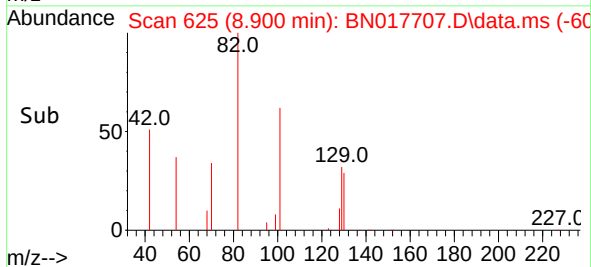
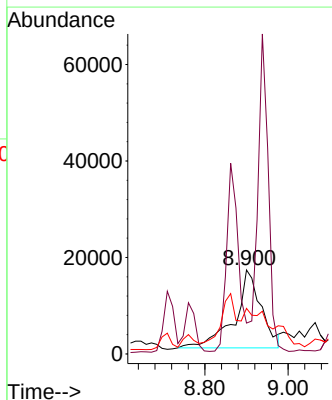
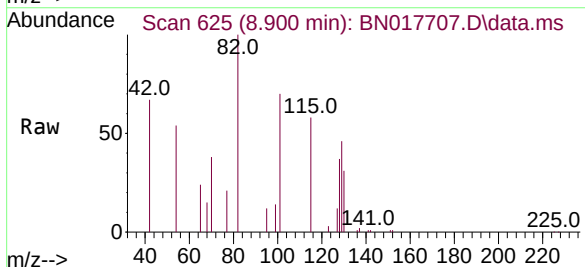
Instrument :
BNA_N
ClientSampleId :
DUP120121

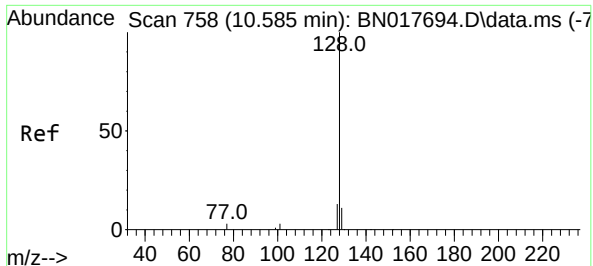
Tgt Ion:136 Resp: 111490
Ion Ratio Lower Upper
136 100
137 11.8 8.8 13.2
54 13.3 4.0 6.0#
68 10.8 3.0 4.6#



#8
Nitrobenzene-d5
Concen: 1.326 ng
RT: 8.900 min Scan# 625
Delta R.T. -0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Tgt Ion: 82 Resp: 71518
Ion Ratio Lower Upper
82 100
128 36.8 27.7 41.5
54 54.4 49.2 73.8

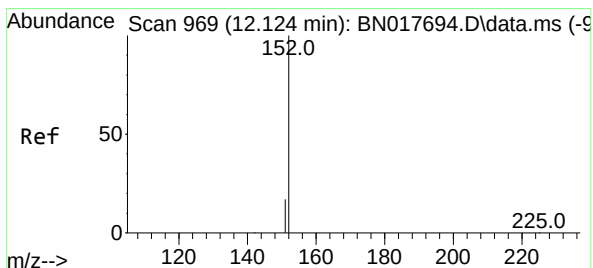
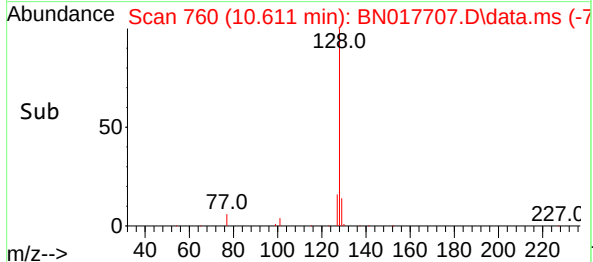
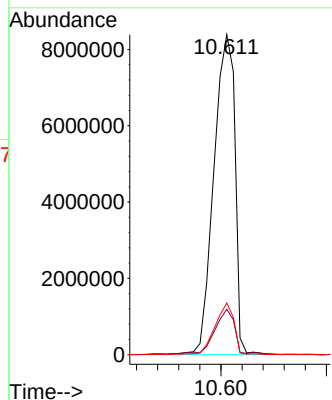
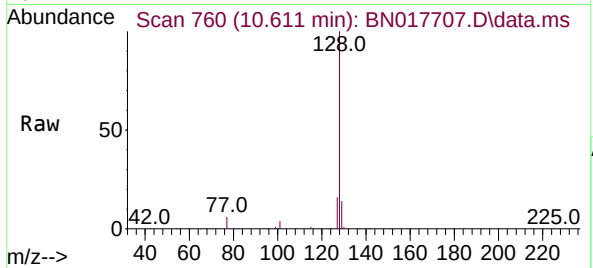




#9
Naphthalene
Concen: 81.589 ng
RT: 10.611 min Scan# 701
Delta R.T. 0.026 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

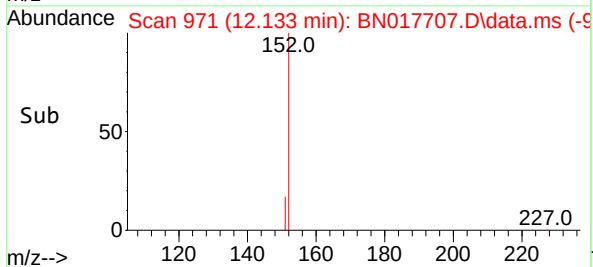
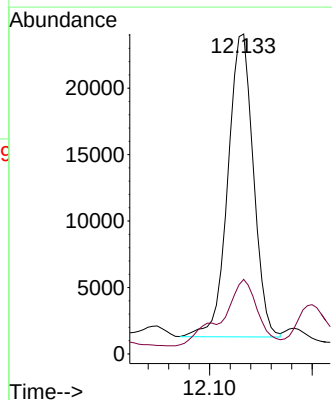
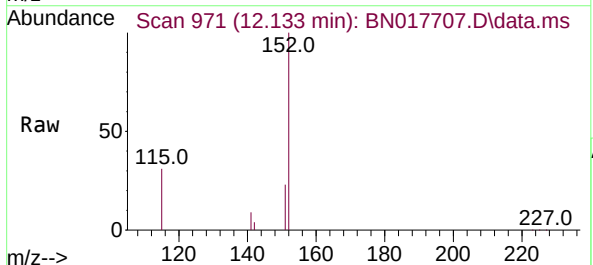
Instrument :
BNA_N
ClientSampleId :
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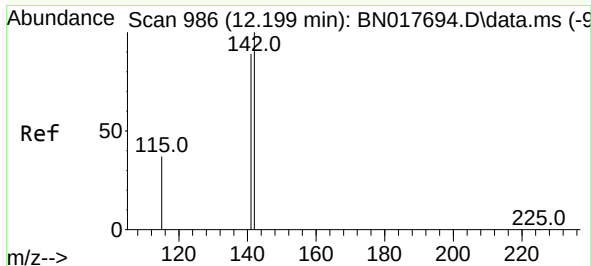
Tgt Ion:128 Resp:23194436
Ion Ratio Lower Upper
128 100
129 14.2 8.8 13.2#
127 16.2 10.6 15.8#



#11
2-Methylnaphthalene-d10
Concen: 0.200 ng
RT: 12.133 min Scan# 971
Delta R.T. 0.009 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

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

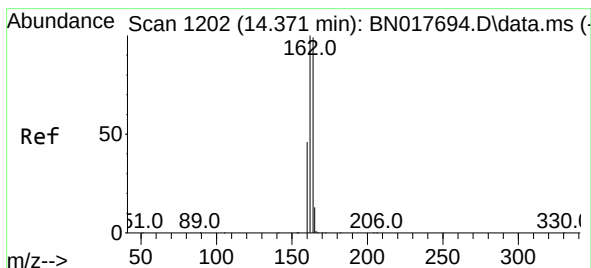
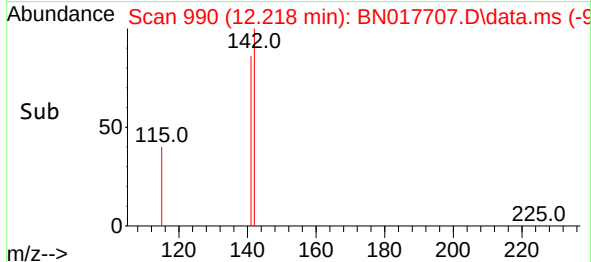
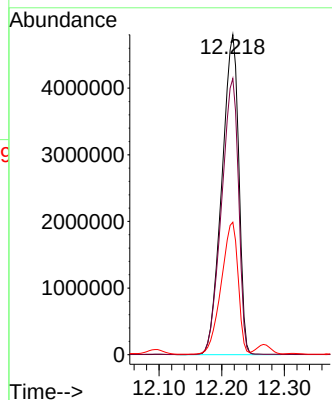
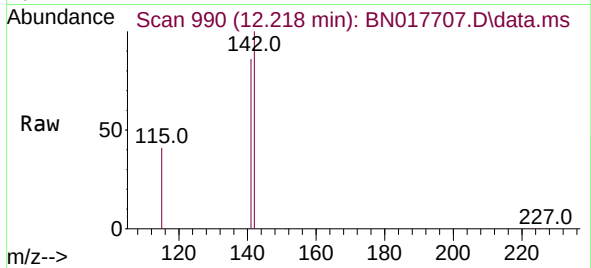




#12
2-Methylnaphthalene
Concen: 48.453 ng
RT: 12.218 min Scan# 990
Delta R.T. 0.018 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

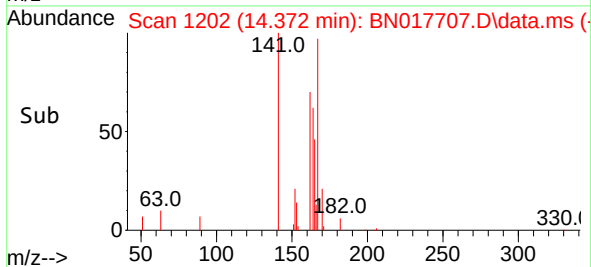
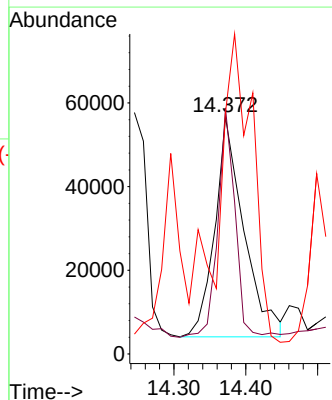
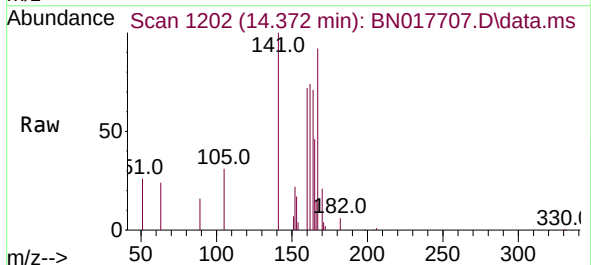
Instrument :
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ClientSampleId :
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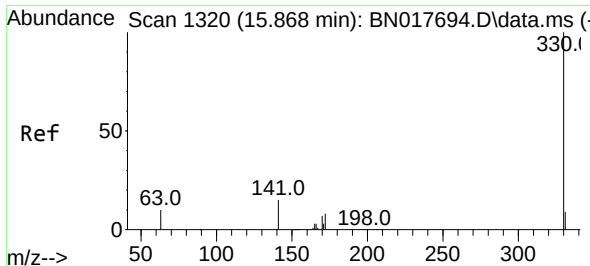
Tgt Ion:142 Resp: 8995939
Ion Ratio Lower Upper
142 100
141 86.3 70.6 106.0
115 41.4 25.8 38.6#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Tgt Ion:164 Resp: 147853
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.2
160 101.8 36.8 55.2#

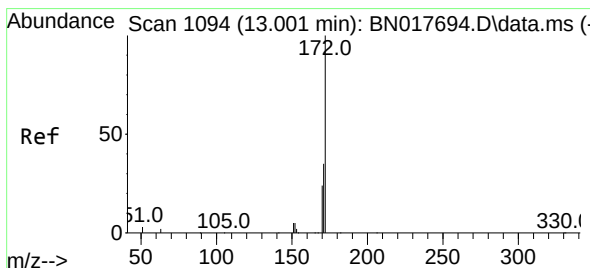
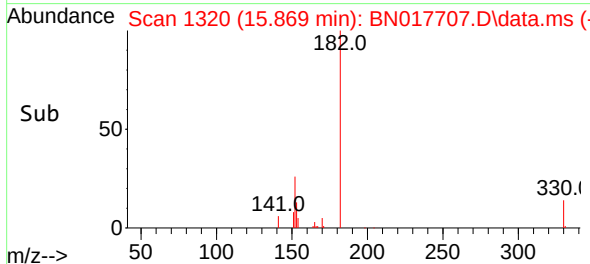
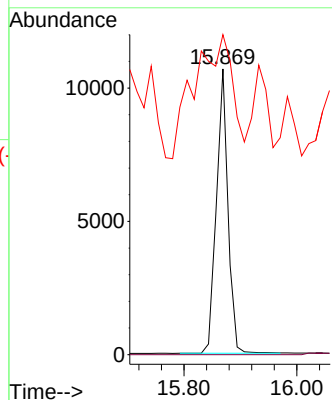
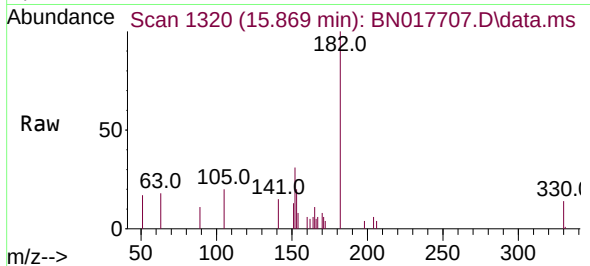




#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.869 min Scan# 11
Delta R.T. 0.001 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

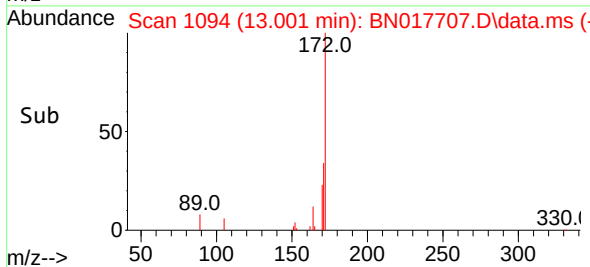
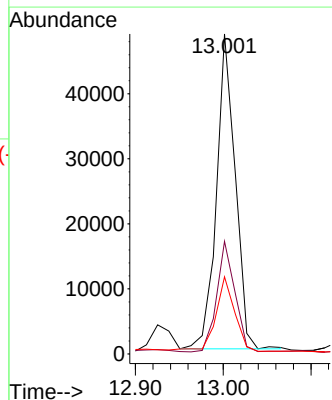
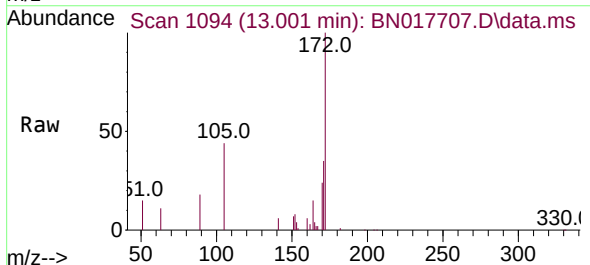
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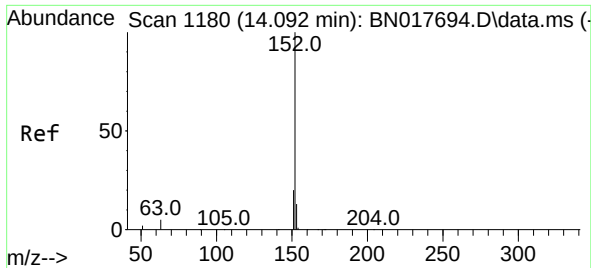
Tgt Ion:330 Resp: 15146
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 106.5 28.9 43.3#



#15
2-Fluorobiphenyl
Concen: 0.128 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Tgt Ion:172 Resp: 71876
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 24.1 19.4 29.2

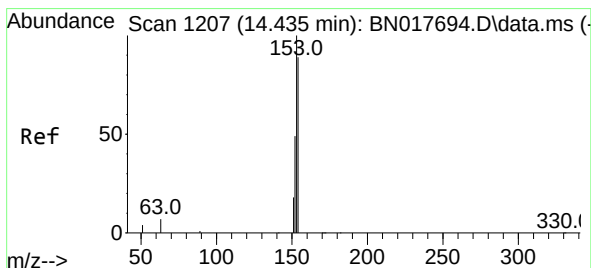
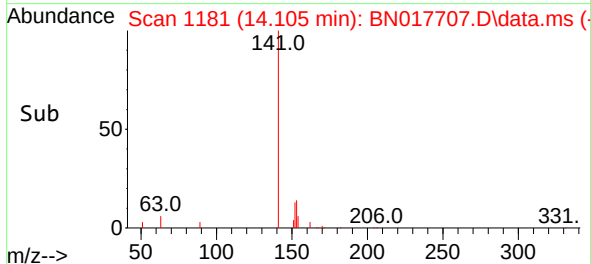
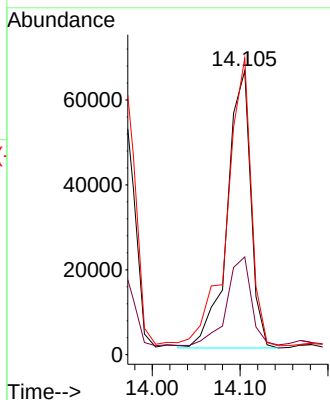
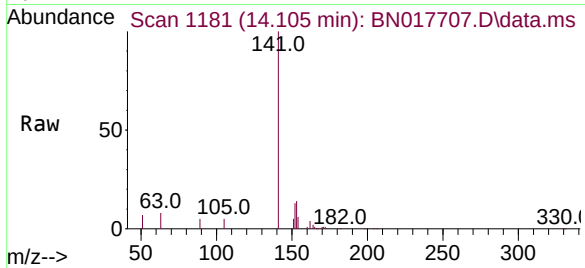




#16
 Acenaphthylene
 Concen: 0.214 ng
 RT: 14.105 min Scan# 1181
 Delta R.T. 0.013 min
 Lab File: BN017707.D
 Acq: 04 Dec 2021 01:08

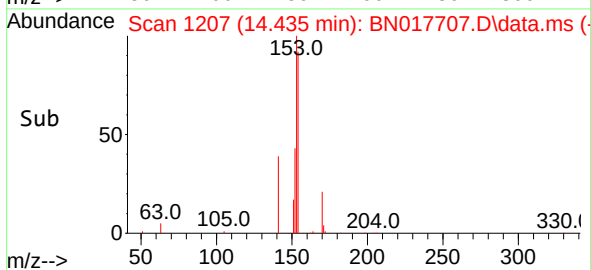
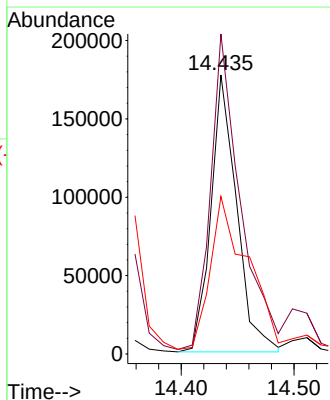
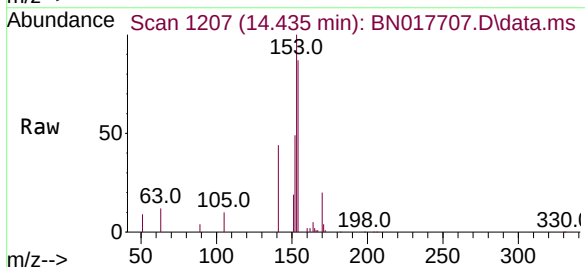
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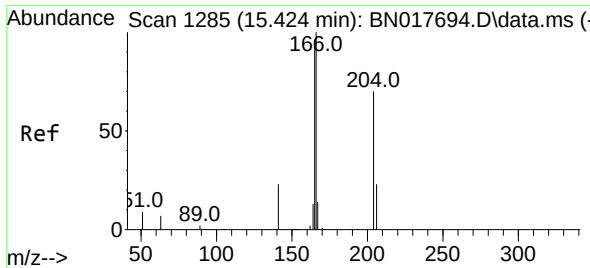
Tgt Ion:152 Resp: 121762
 Ion Ratio Lower Upper
 152 100
 151 33.0 15.5 23.3#
 153 105.3 10.4 15.6#



#17
 Acenaphthene
 Concen: 0.725 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#

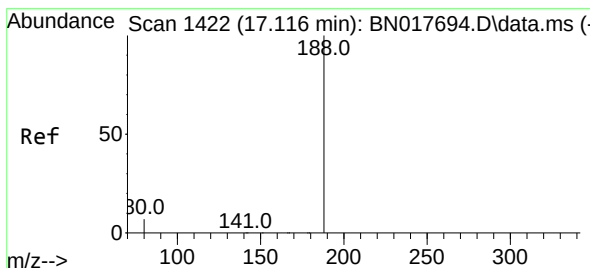
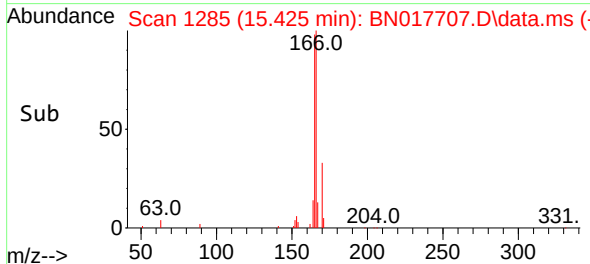
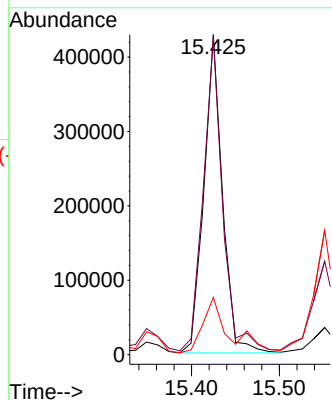
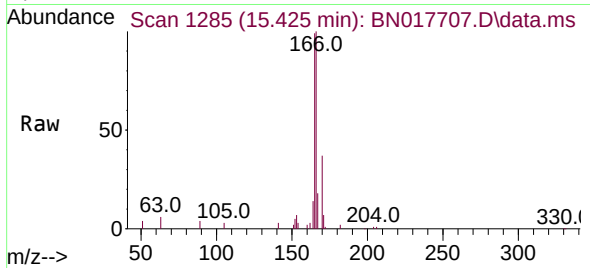




#18
Fluorene
Concen: 1.304 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

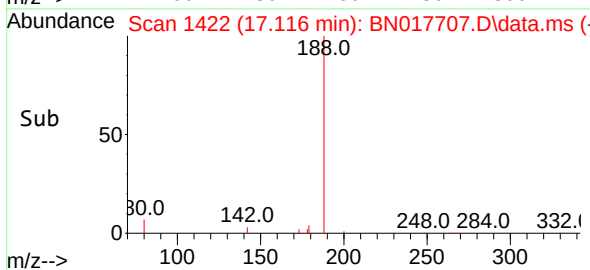
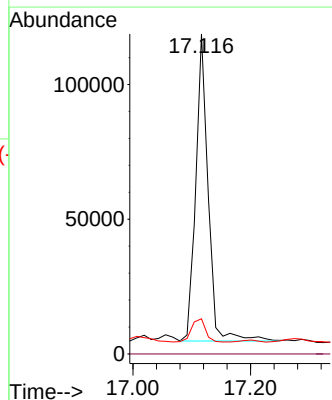
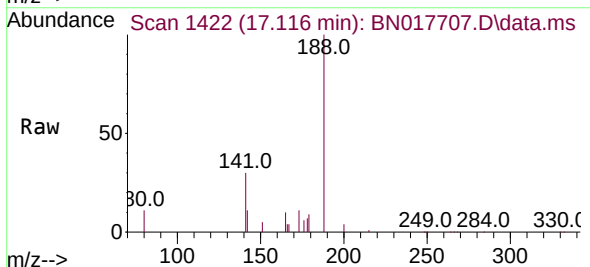
Instrument :
BNA_N
ClientSampleId :
DUP120121

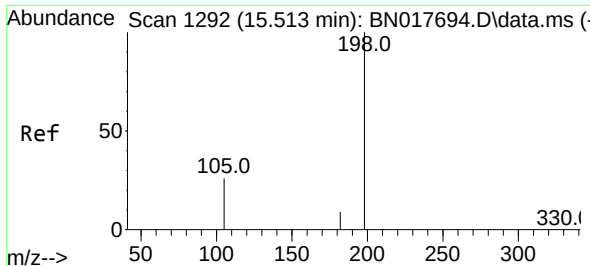
Tgt Ion:166 Resp: 627817
Ion Ratio Lower Upper
166 100
165 101.6 77.9 116.9
167 24.3 10.9 16.3#



#19
Phenanthrene-d10
Concen: 0.400 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#

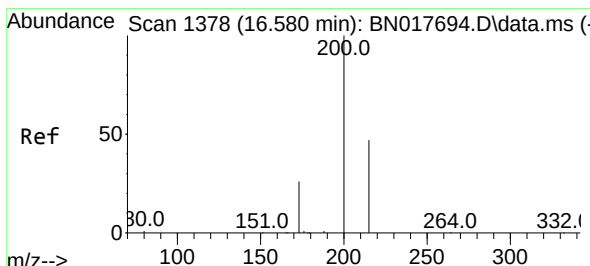
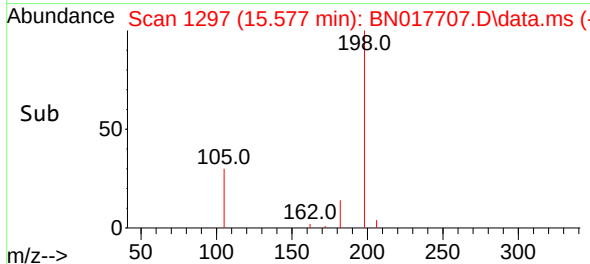
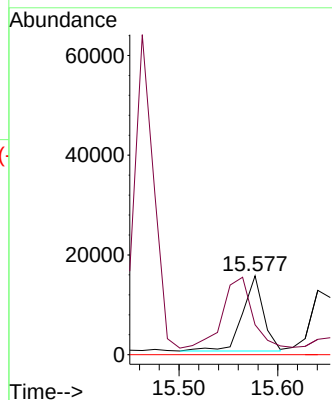
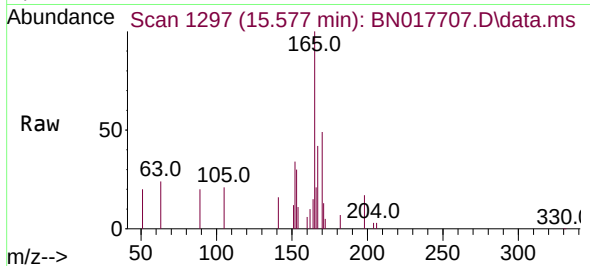




#20
4,6-Dinitro-2-methylphenol
Concen: 2.015 ng
RT: 15.577 min Scan# 1297
Delta R.T. 0.064 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

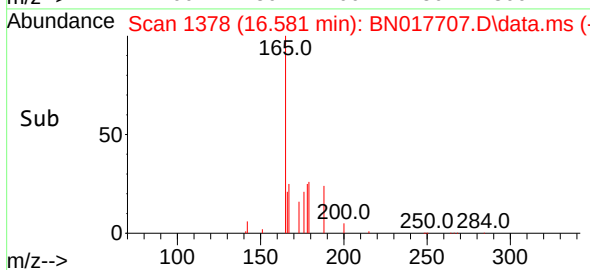
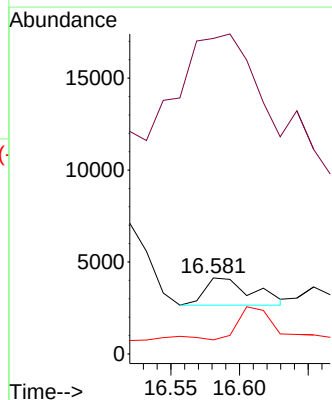
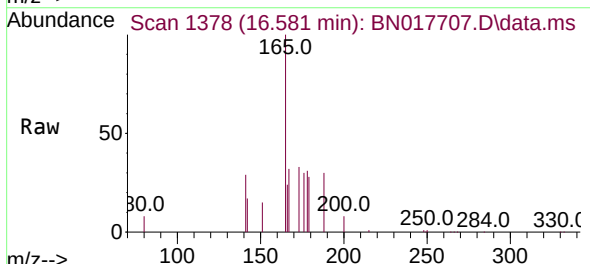
Instrument :
BNA_N
ClientSampleId :
DUP120121

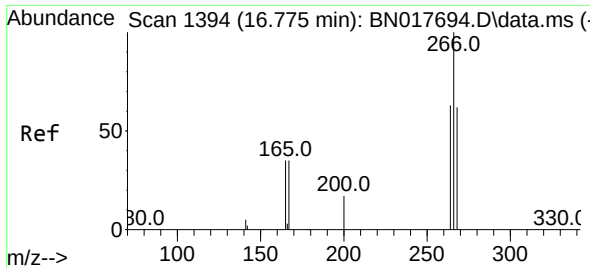
Tgt Ion:198 Resp: 22217
Ion Ratio Lower Upper
198 100
182 38.0 11.4 17.2#
77 0.0 0.0 0.0



#23
Atrazine
Concen: 0.140 ng
RT: 16.581 min Scan# 1378
Delta R.T. 0.001 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

Tgt Ion:200 Resp: 3568
Ion Ratio Lower Upper
200 100
173 415.3 17.6 26.4#
215 18.6 40.2 60.4#

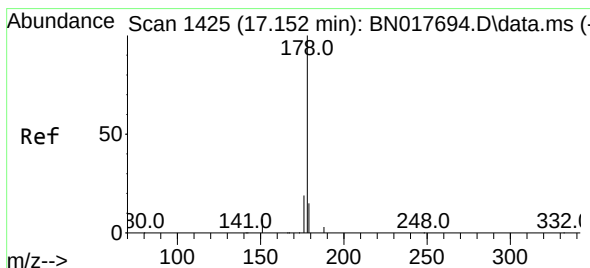
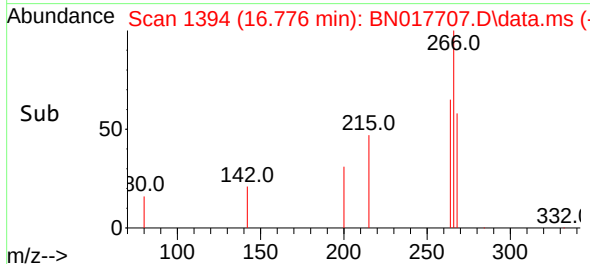
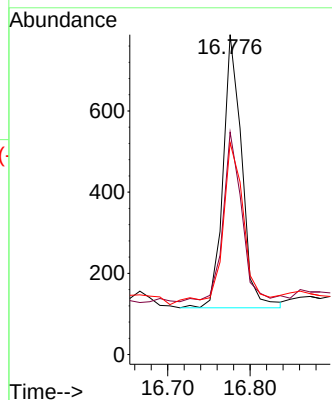
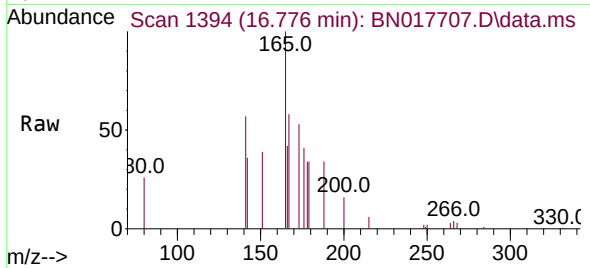




#24
 Pentachlorophenol
 Concen: 0.302 ng
 RT: 16.776 min Scan# 1394
 Delta R.T. 0.001 min
 Lab File: BN017707.D
 Acq: 04 Dec 2021 01:08

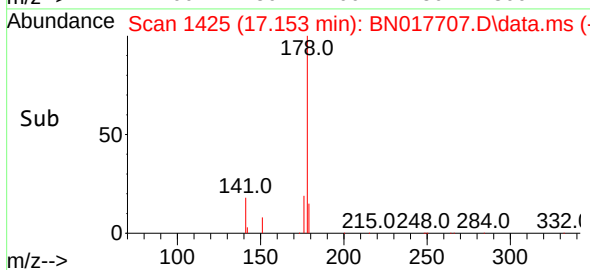
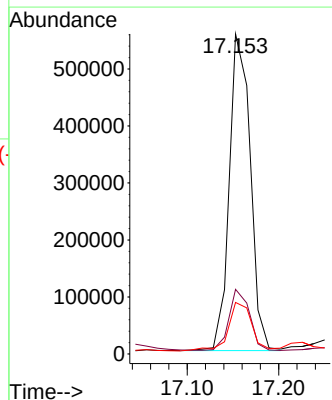
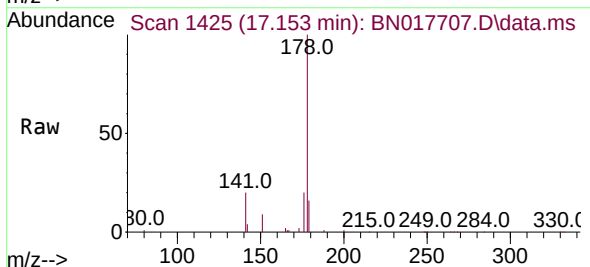
Instrument :
 BNA_N
 ClientSampleId :
 DUP120121

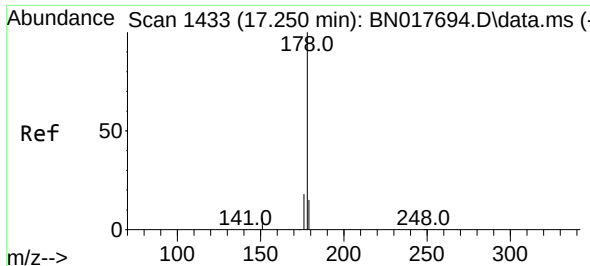
Tgt Ion:	266	Resp:	1061
Ion Ratio	Lower	Upper	
266	100		
264	62.2	49.8	74.8
268	67.4	51.3	76.9



#25
 Phenanthrene
 Concen: 1.996 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

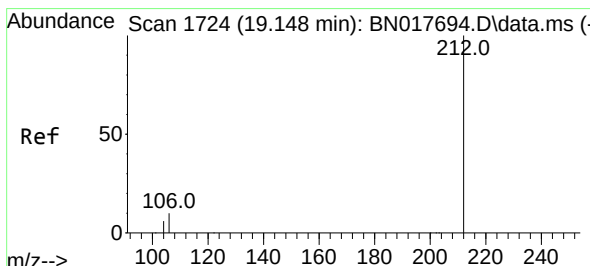
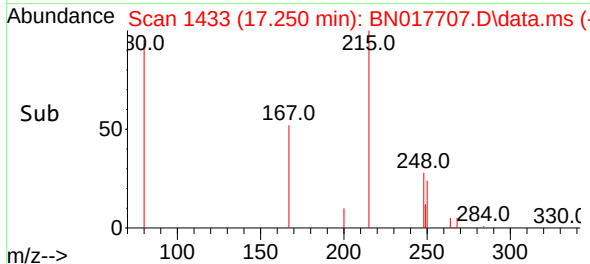
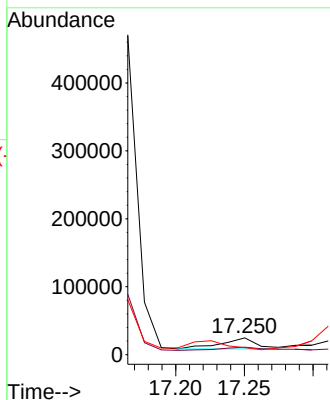
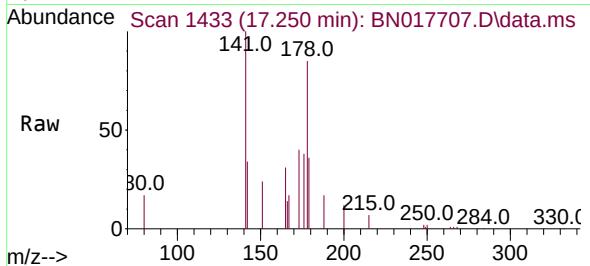




#26
 Anthracene
 Concen: 0.077 ng
 RT: 17.250 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: BN017707.D
 Acq: 04 Dec 2021 01:08

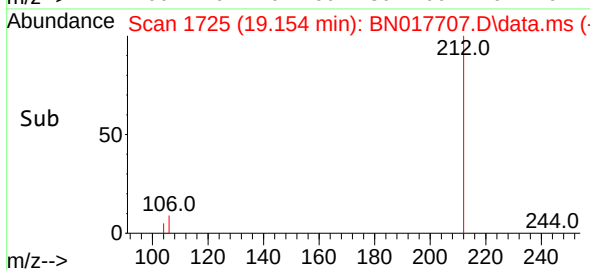
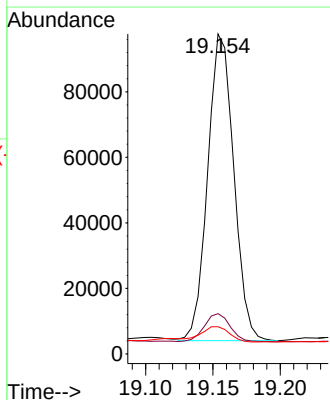
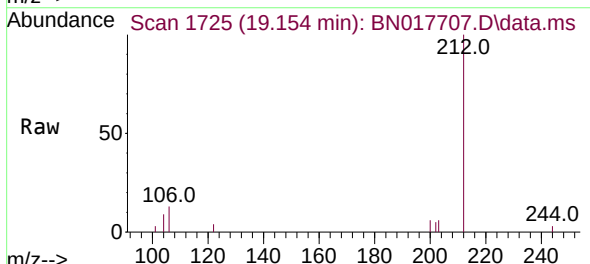
Instrument :
 BNA_N
 ClientSampleId :
 DUP120121

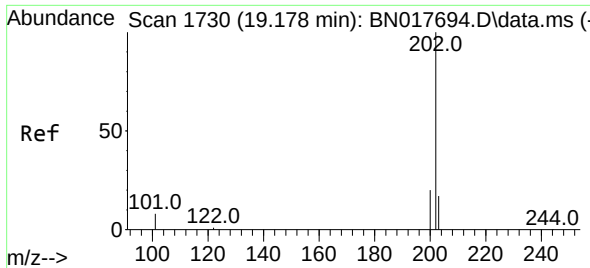
Tgt Ion:178 Resp: 29497
 Ion Ratio Lower Upper
 178 100
 176 42.1 14.6 22.0#
 179 0.0 12.2 18.4#



#27
 Fluoranthene-d10
 Concen: 0.231 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#

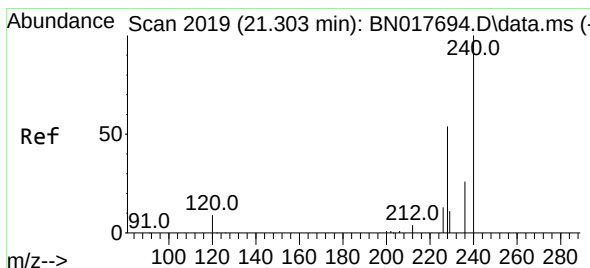
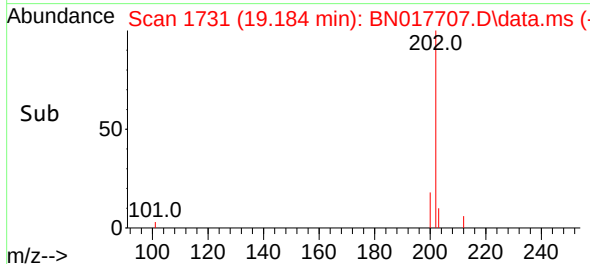
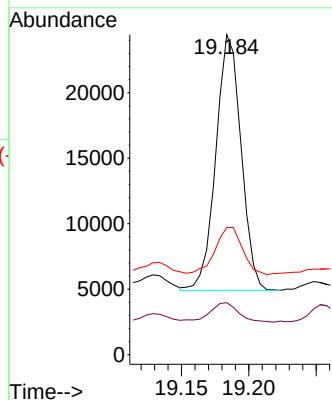
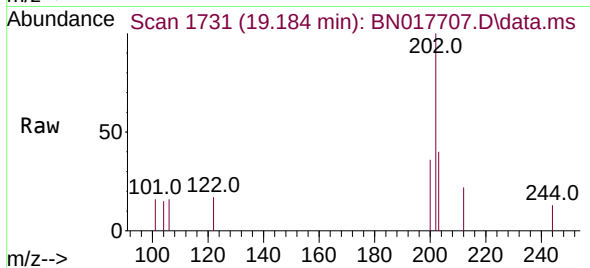




#28
Fluoranthene
Concen: 0.048 ng
RT: 19.184 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

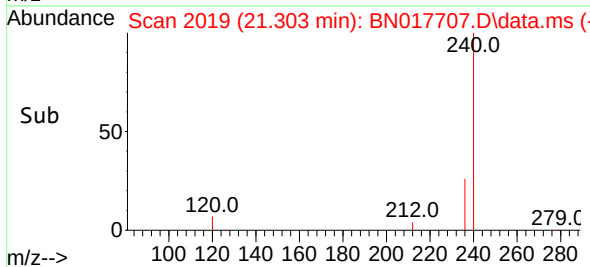
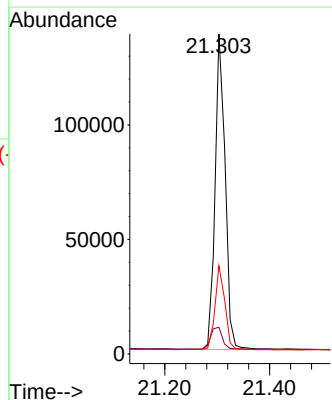
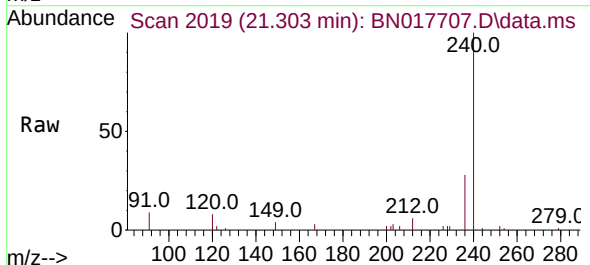
Instrument :
BNA_N
ClientSampleId :
DUP120121

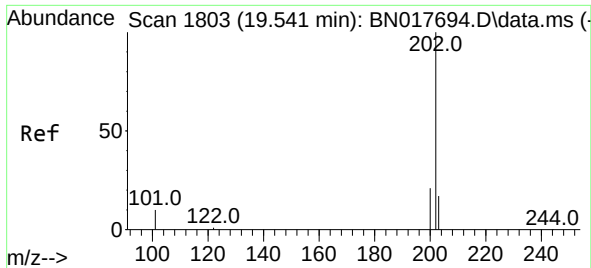
Tgt Ion:202 Resp: 25462
Ion Ratio Lower Upper
202 100
101 8.3 8.9 13.3#
203 20.1 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

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

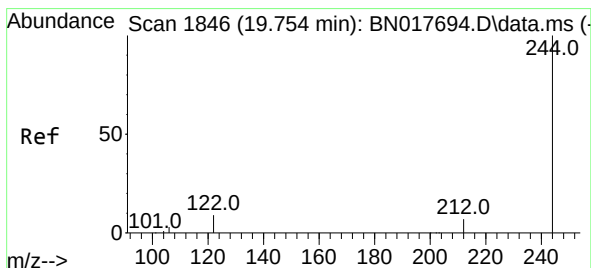
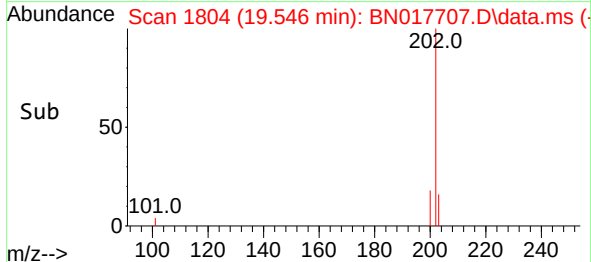
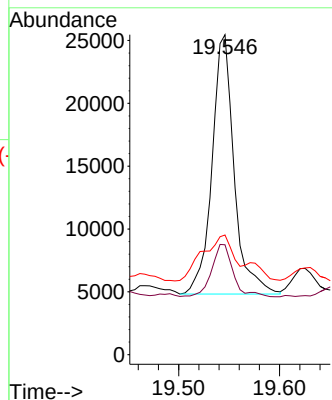
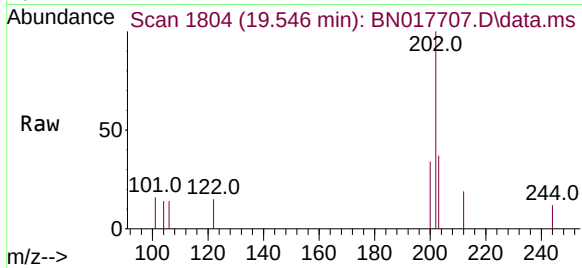




#30
 Pyrene
 Concen: 0.054 ng
 RT: 19.546 min Scan# 1804
 Delta R.T. 0.005 min
 Lab File: BN017707.D
 Acq: 04 Dec 2021 01:08

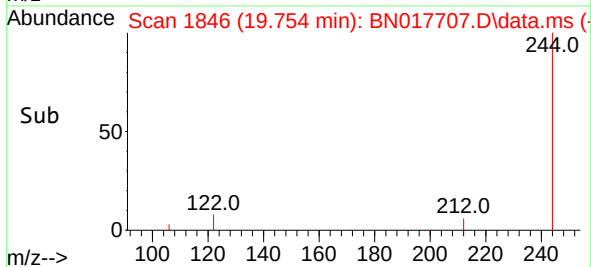
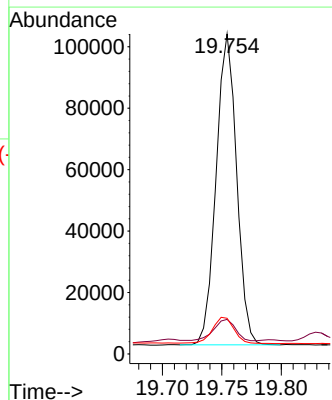
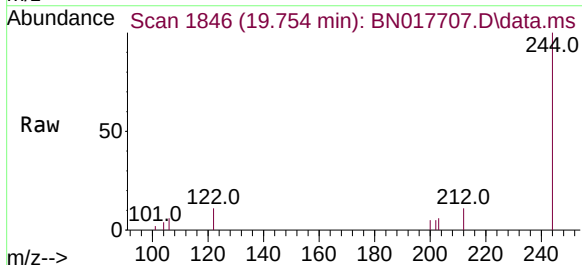
Instrument :
 BNA_N
 ClientSampleId :
 DUP120121

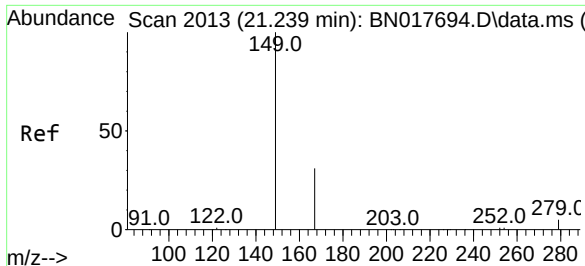
Tgt Ion:202 Resp: 31458
 Ion Ratio Lower Upper
 202 100
 200 19.6 16.5 24.7
 203 25.6 14.0 21.0#



#31
 Terphenyl-d14
 Concen: 0.298 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

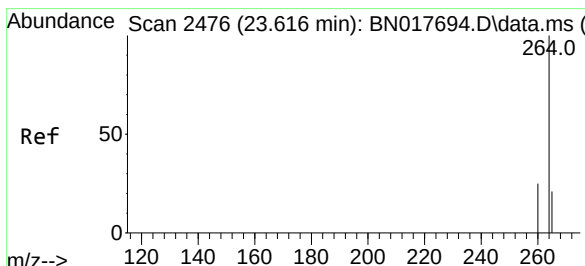
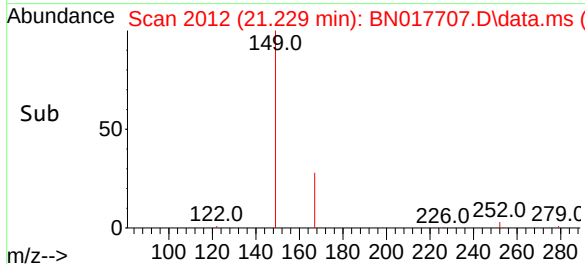
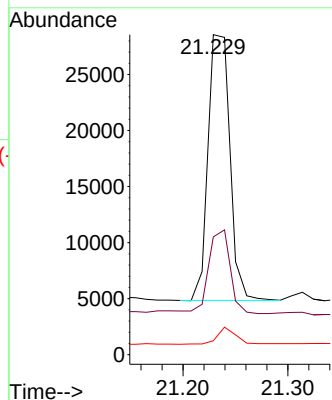
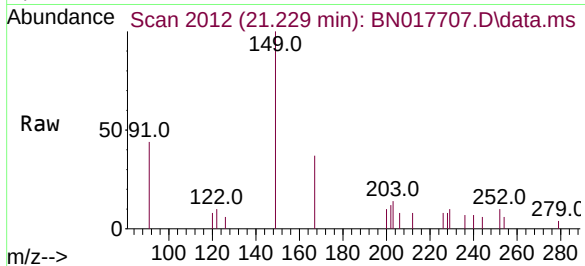




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.197 ng
RT: 21.229 min Scan# 2013
Delta R.T. -0.010 min
Lab File: BN017707.D
Acq: 04 Dec 2021 01:08

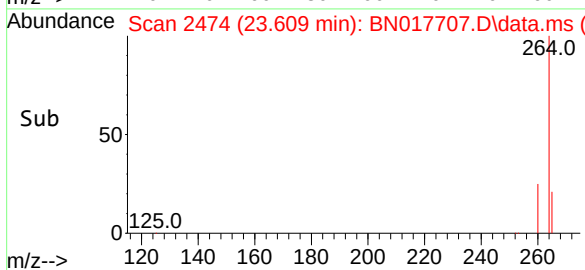
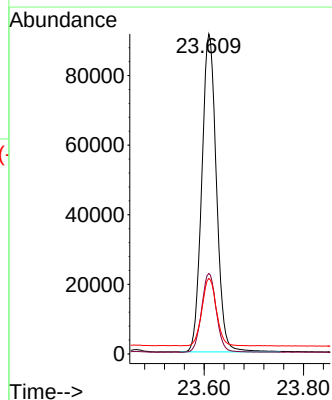
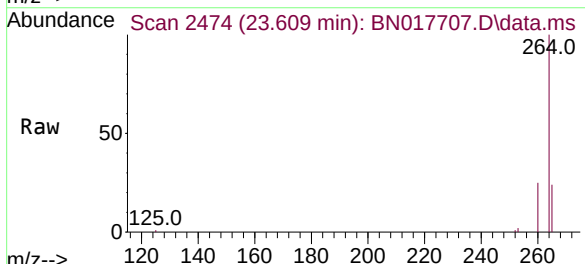
Instrument :
BNA_N
ClientSampleId :
DUP120121

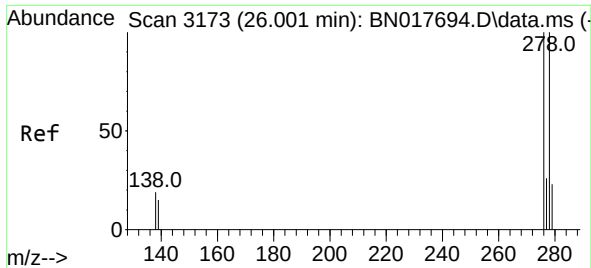
Tgt Ion:149 Resp: 34367
Ion Ratio Lower Upper
149 100
167 32.2 21.8 32.6
279 5.5 3.4 5.0#



#35
Perylene-d12
Concen: 0.400 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





#40

Dibenzo(a,h)anthracene

Concen: 0.084 ng

RT: 25.991 min Scan# 31

Delta R.T. -0.010 min

Lab File: BN017707.D

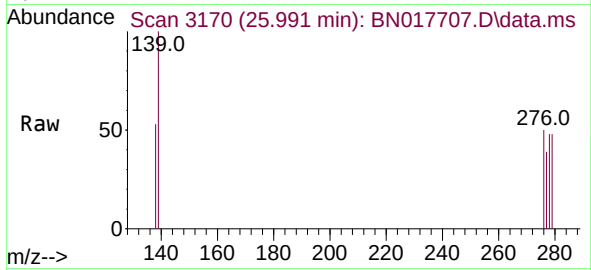
Acq: 04 Dec 2021 01:08

Instrument :

BNA_N

ClientSampleId :

DUP120121



Tgt Ion:278 Resp: 816

Ion Ratio Lower Upper

278 100

139 207.9 13.0 19.6#

279 100.6 19.2 28.8#

