

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120621\
 Data File : BN017750.D
 Acq On : 07 Dec 2021 04:21
 Operator : CG/JU
 Sample : M4917-06RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP120121RE

Quant Time: Dec 07 06:53:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 06 15:58:05 2021
 Response via : Initial Calibration

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

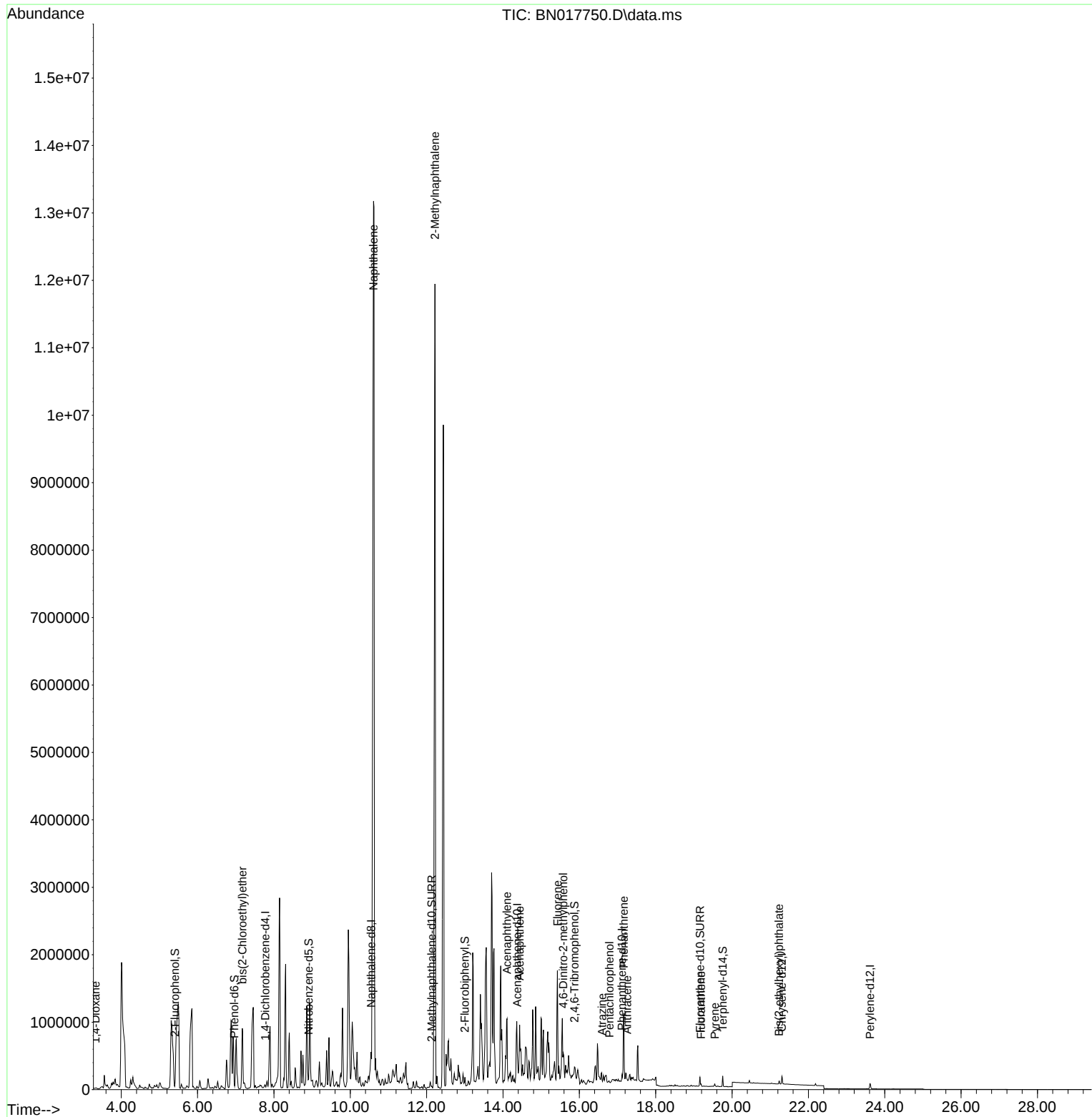
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	18981	0.400	ng	0.02
7) Naphthalene-d8	10.545	136	76866	0.400	ng	# 0.01
13) Acenaphthene-d10	14.373	164	134238	0.400	ng	# 0.00
19) Phenanthrene-d10	17.117	188	114078	0.400	ng	# 0.00
29) Chrysene-d12	21.304	240	118641	0.400	ng	# 0.00
35) Perylene-d12	23.617	264	110285	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.410	112	33264	0.817	ng	0.06
5) Phenol-d6	6.959	99	7303	0.167	ng	0.03
8) Nitrobenzene-d5	8.910	82	100803	1.940	ng	0.01
11) 2-Methylnaphthalene-d10	12.130	152	49303	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.870	330	19415	0.368	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	92131	0.185	ng	0.00
27) Fluoranthene-d10	19.160	212	159097	0.414	ng	0.00
31) Terphenyl-d14	19.755	244	154903	0.509	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.326	88	384	0.031	ng	# 1
6) bis(2-Chloroethyl)ether	7.171	93	80527	1.690	ng	# 1
9) Naphthalene	10.608	128	24570632	128.912	ng	# 91
12) 2-Methylnaphthalene	12.219	142	10429688	79.765	ng	# 94
16) Acenaphthylene	14.107	152	152910	0.297	ng	# 1
17) Acenaphthene	14.436	154	358302	1.027	ng	# 77
18) Fluorene	15.426	166	802264	1.793	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.578	198	29329	3.771	ng	# 54
23) Atrazine	16.594	200	4763	0.177	ng	# 1
24) Pentachlorophenol	16.789	266	525	0.191	ng	# 81
25) Phenanthrene	17.166	178	1158790	3.855	ng	# 98
26) Anthracene	17.251	178	35736	0.136	ng	# 76
28) Fluoranthene	19.189	202	33396	0.092	ng	# 93
30) Pyrene	19.547	202	39687	0.089	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.230	149	45672	0.244	ng	# 92

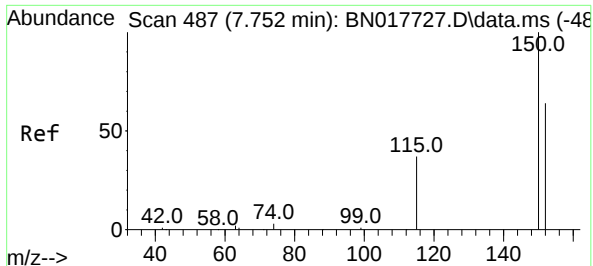
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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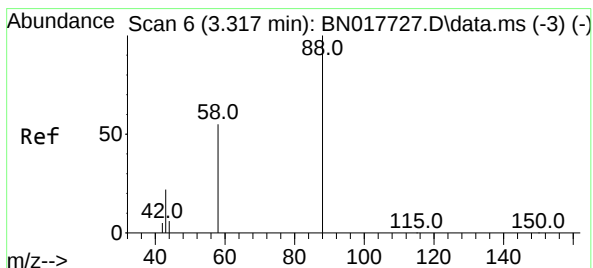
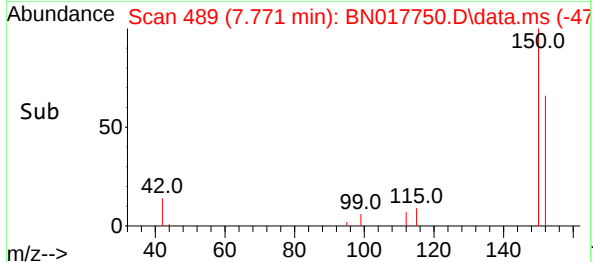
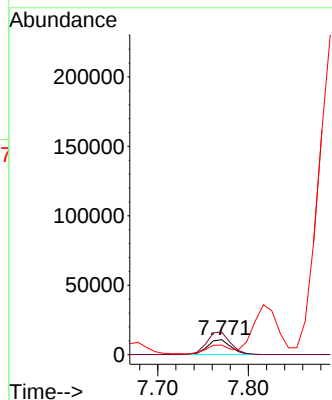
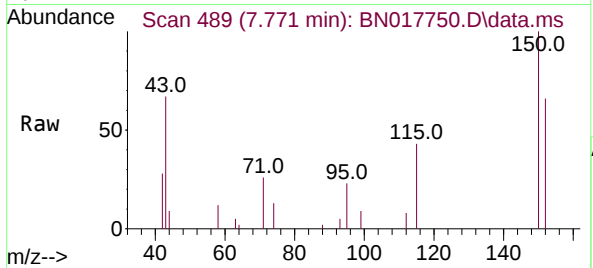




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.771 min Scan# 41
 Delta R.T. 0.019 min
 Lab File: BN017750.D
 Acq: 07 Dec 2021 04:21

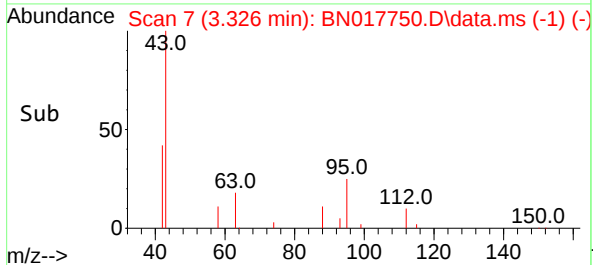
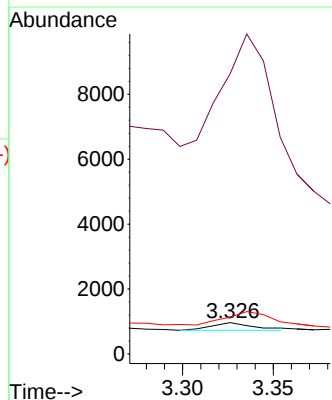
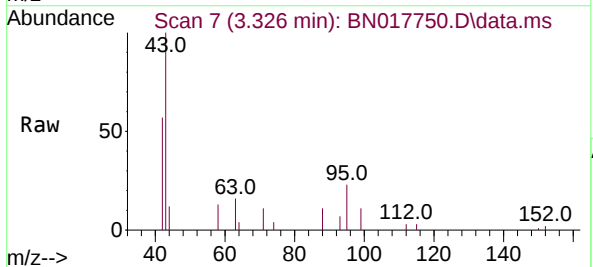
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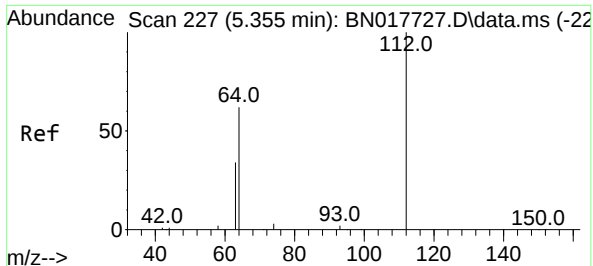
Tgt Ion:152 Resp: 18981
 Ion Ratio Lower Upper
 152 100
 150 151.1 123.0 184.4
 115 64.2 45.6 68.4



#2
 1,4-Dioxane
 Concen: 0.031 ng
 RT: 3.326 min Scan# 7
 Delta R.T. 0.009 min
 Lab File: BN017750.D
 Acq: 07 Dec 2021 04:21

Tgt Ion: 88 Resp: 384
 Ion Ratio Lower Upper
 88 100
 43 1465.4 24.7 37.1#
 58 175.8 63.0 94.6#

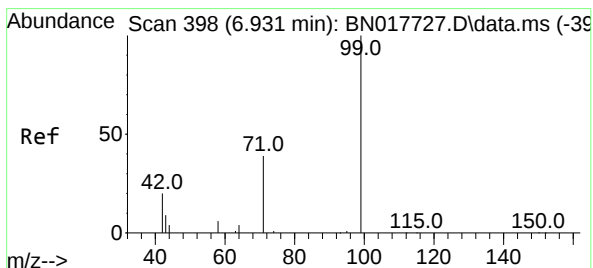
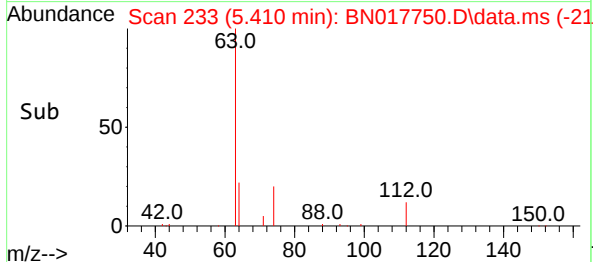
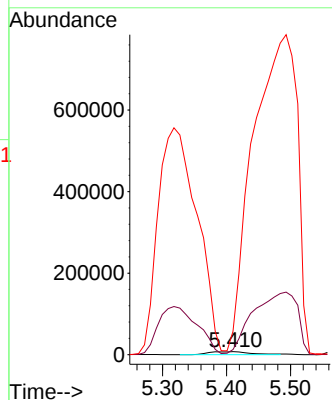
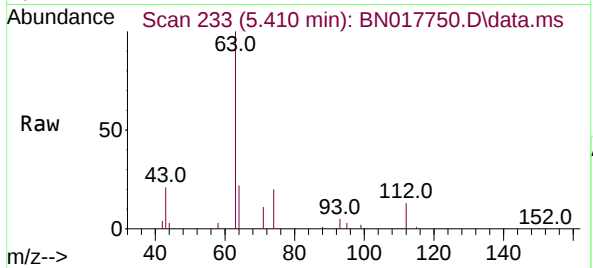




#4
2-Fluorophenol
Concen: 0.817 ng
RT: 5.410 min Scan# 21
Delta R.T. 0.055 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

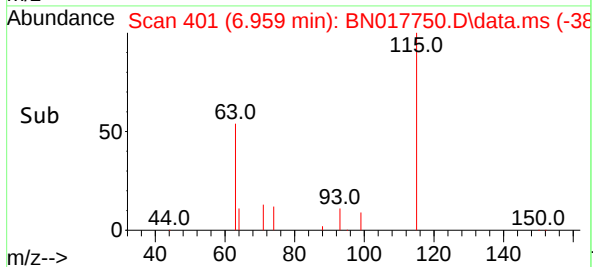
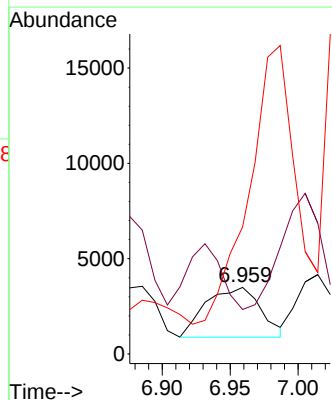
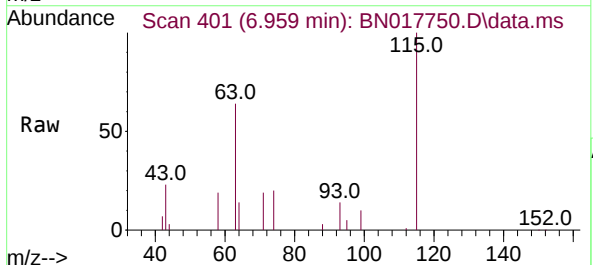
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BNA_N
ClientSampleId :
DUP120121RE

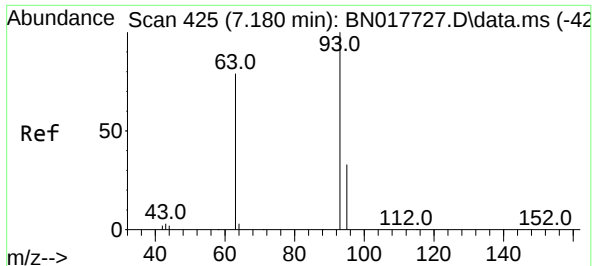
Tgt Ion:112 Resp: 33264
Ion Ratio Lower Upper
112 100
64 0.0 47.6 71.4#
63 0.0 24.6 37.0#



#5
Phenol-d6
Concen: 0.167 ng
RT: 6.959 min Scan# 401
Delta R.T. 0.028 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

Tgt Ion: 99 Resp: 7303
Ion Ratio Lower Upper
99 100
42 0.0 17.0 25.6#
71 0.0 24.8 37.2#

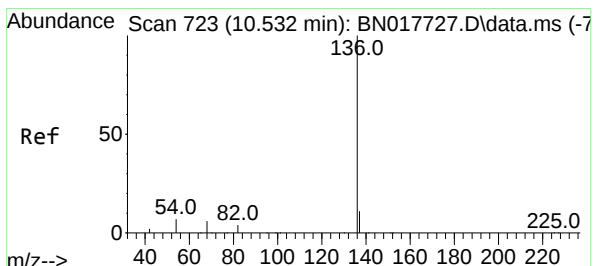
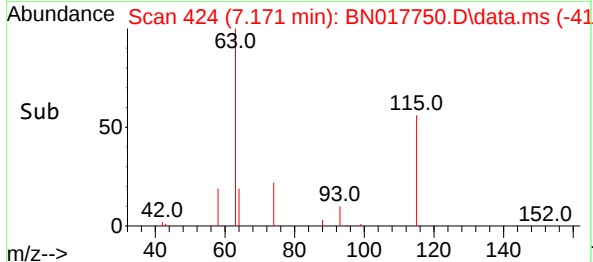
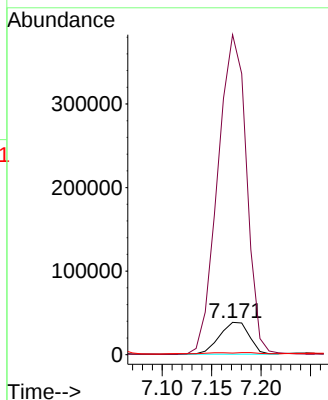
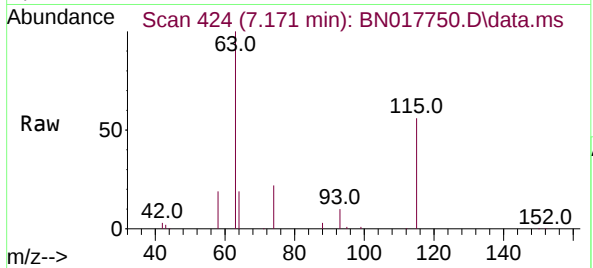




#6
bis(2-Chloroethyl)ether
Concen: 1.690 ng
RT: 7.171 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

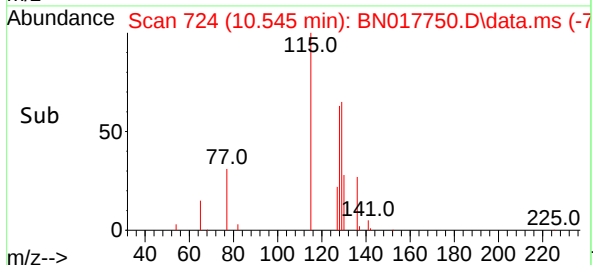
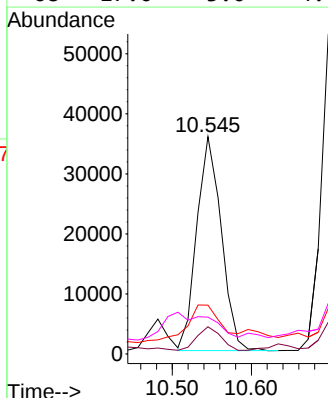
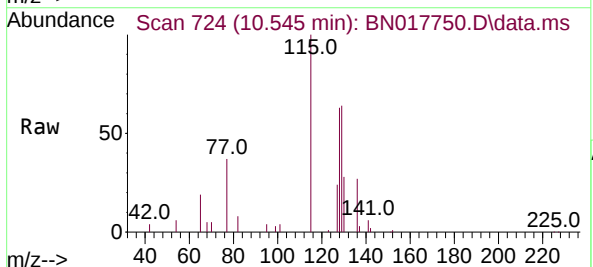
Instrument :
BNA_N
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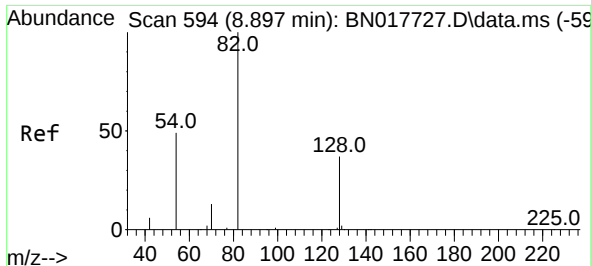
Tgt Ion: 93 Resp: 80527
Ion Ratio Lower Upper
93 100
63 963.0 65.8 98.6#
95 5.0 26.6 39.8#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.545 min Scan# 724
Delta R.T. 0.013 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

Tgt Ion: 136 Resp: 76866
Ion Ratio Lower Upper
136 100
137 12.6 8.8 13.2
54 22.5 4.0 6.0#
68 17.0 3.0 4.6#

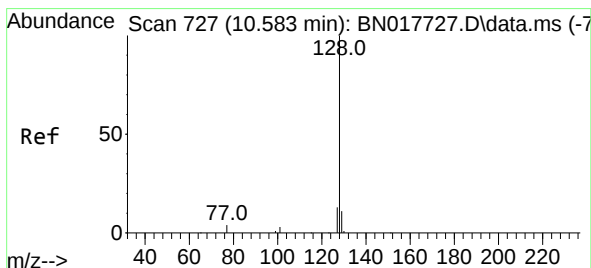
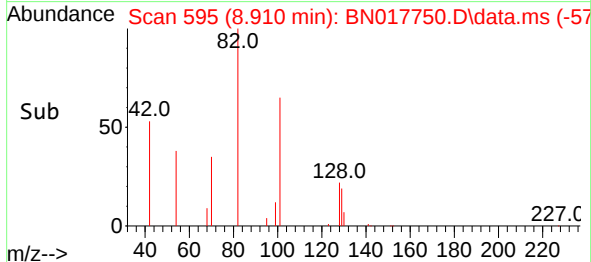
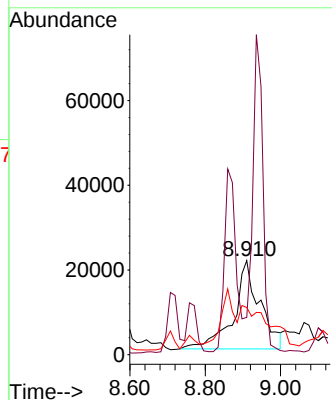
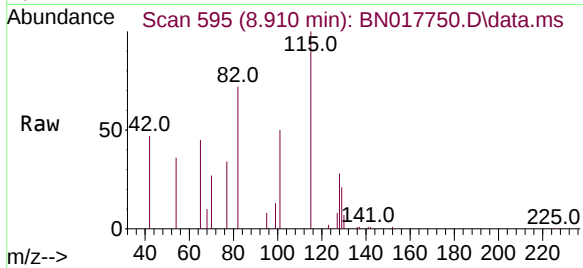




#8
Nitrobenzene-d5
Concen: 1.940 ng
RT: 8.910 min Scan# 594
Delta R.T. 0.013 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

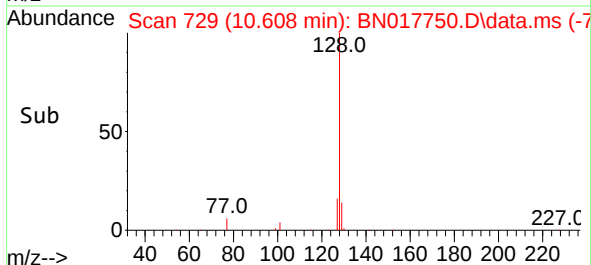
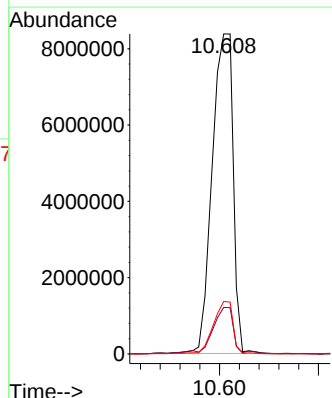
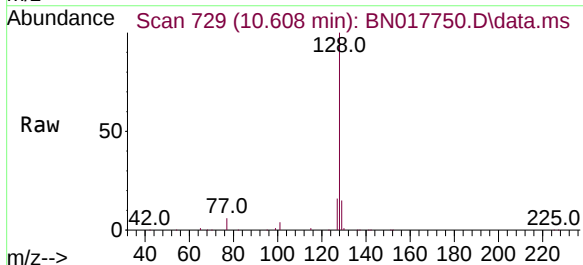
Instrument :
BNA_N
ClientSampleId :
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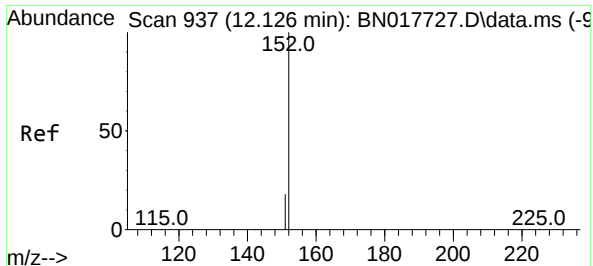
Tgt Ion: 82 Resp: 100803
Ion Ratio Lower Upper
82 100
128 39.7 27.7 41.5
54 50.2 49.2 73.8



#9
Naphthalene
Concen: 128.912 ng
RT: 10.608 min Scan# 729
Delta R.T. 0.025 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

Tgt Ion: 128 Resp: 24570632
Ion Ratio Lower Upper
128 100
129 14.6 8.8 13.2#
127 16.4 10.6 15.8#

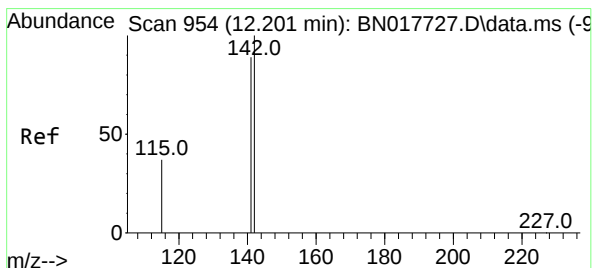
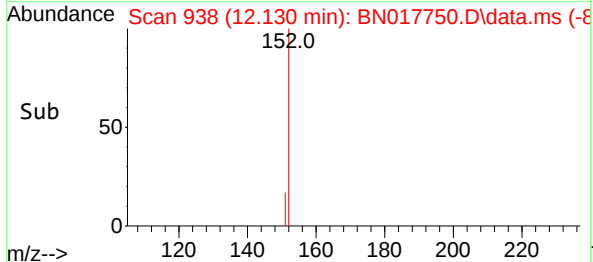
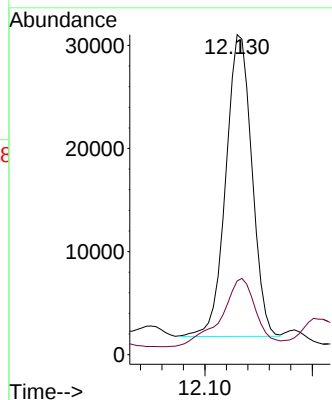
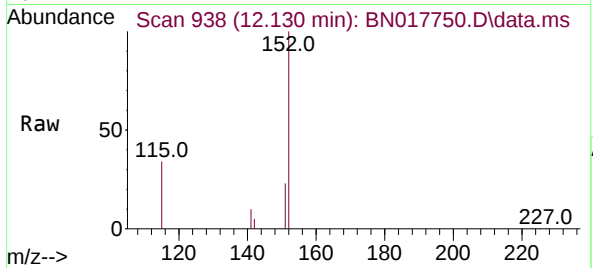




#11
2-Methylnaphthalene-d10
Concen: 0.350 ng
RT: 12.130 min Scan# 911
Delta R.T. 0.004 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

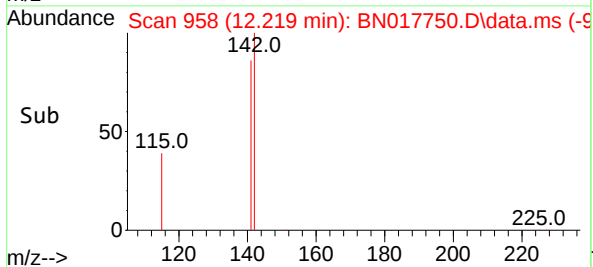
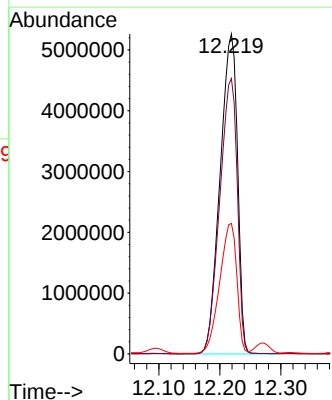
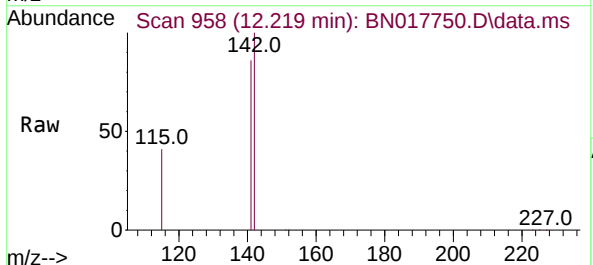
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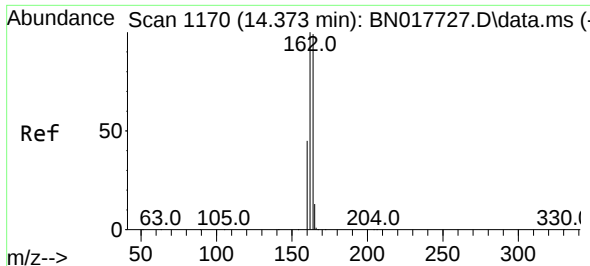
Tgt Ion:152 Resp: 49303
Ion Ratio Lower Upper
152 100
151 30.5 16.2 24.4#



#12
2-Methylnaphthalene
Concen: 79.765 ng
RT: 12.219 min Scan# 958
Delta R.T. 0.018 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

Tgt Ion:142 Resp:10429688
Ion Ratio Lower Upper
142 100
141 86.1 70.6 106.0
115 40.8 25.8 38.6#

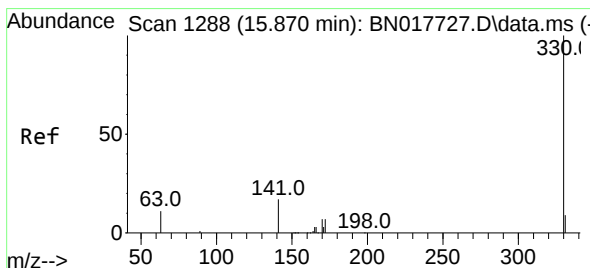
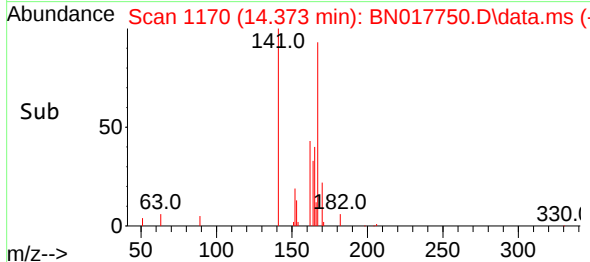
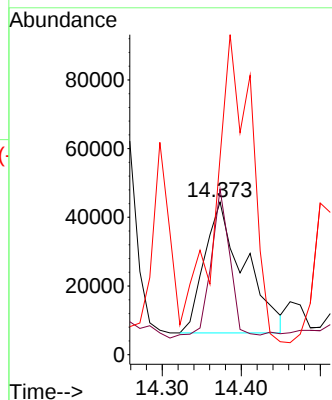
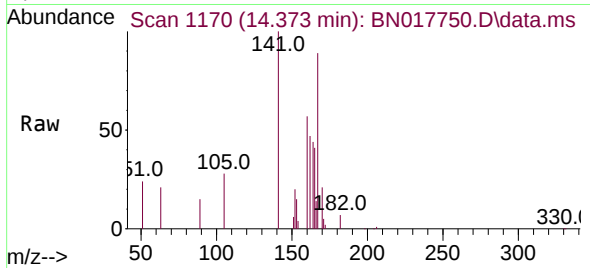




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.373 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

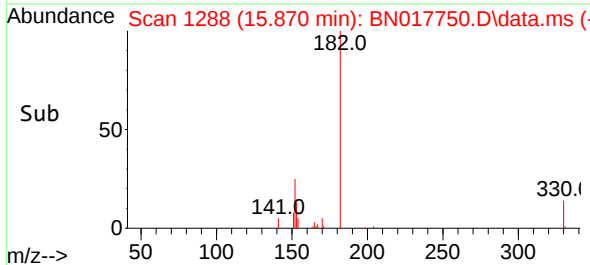
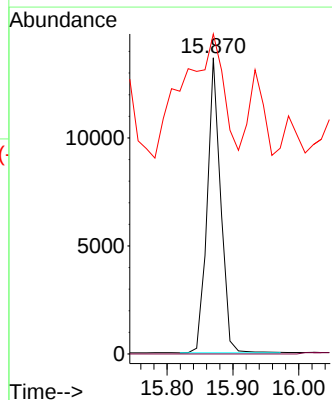
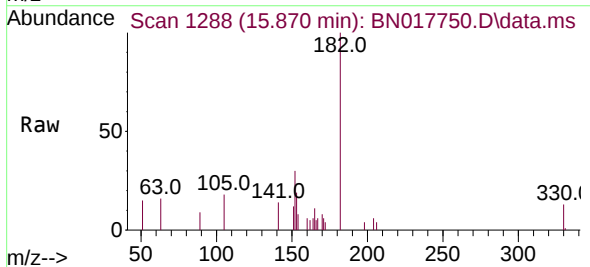
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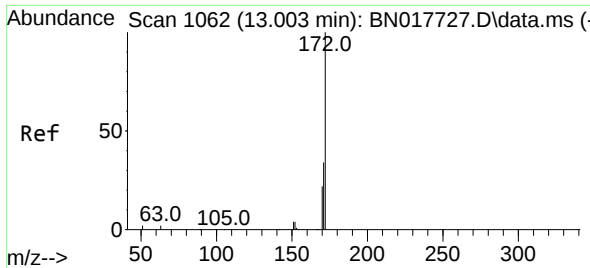
Tgt Ion:164 Resp: 134238
Ion Ratio Lower Upper
164 100
162 108.5 81.4 122.2
160 129.1 36.8 55.2#



#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.870 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

Tgt Ion:330 Resp: 19415
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 104.8 28.9 43.3#

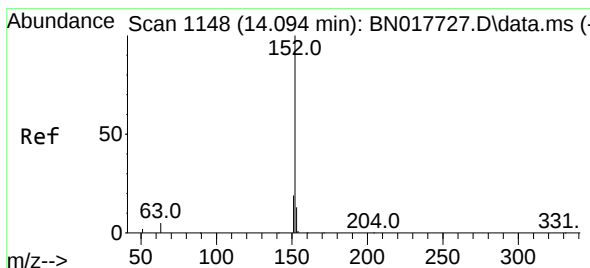
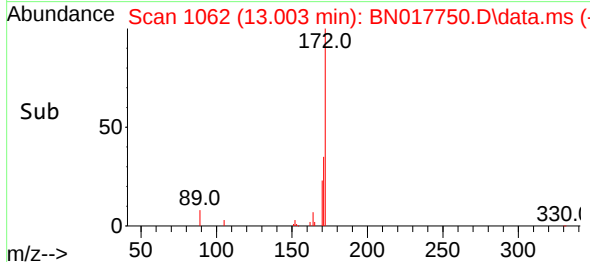
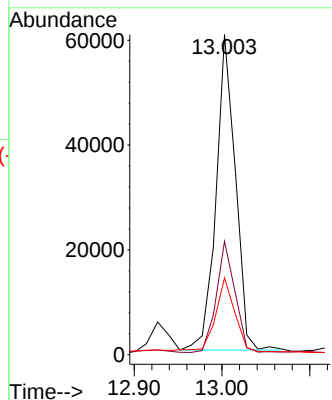
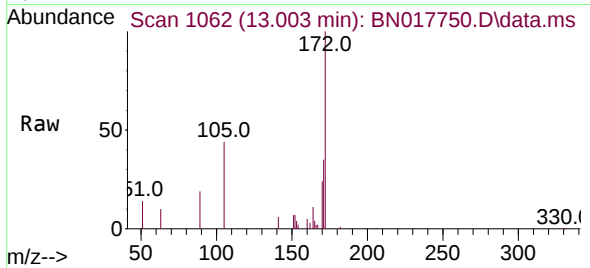




#15
2-Fluorobiphenyl
Concen: 0.185 ng
RT: 13.003 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

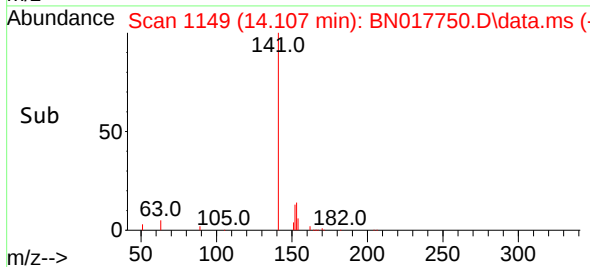
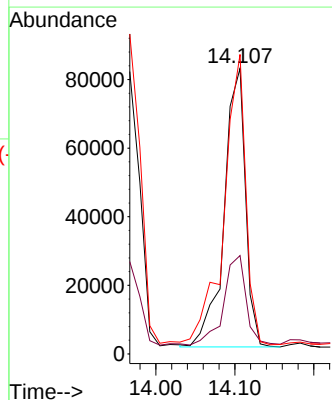
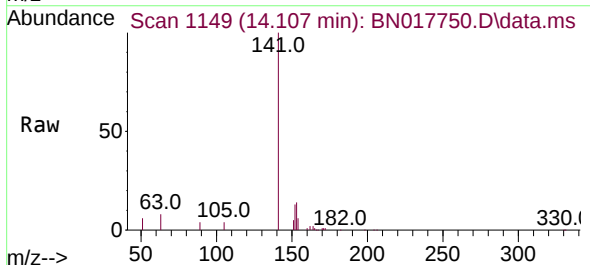
Instrument :
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ClientSampleId :
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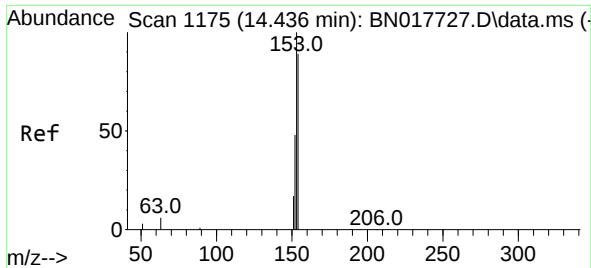
Tgt Ion:172 Resp: 92131
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 24.0 19.4 29.2



#16
Acenaphthylene
Concen: 0.297 ng
RT: 14.107 min Scan# 1149
Delta R.T. 0.013 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

Tgt Ion:152 Resp: 152910
Ion Ratio Lower Upper
152 100
151 32.4 15.5 23.3#
153 106.2 10.4 15.6#

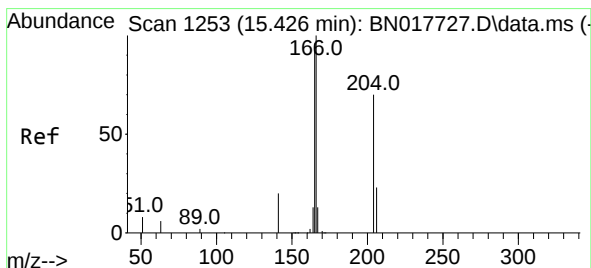
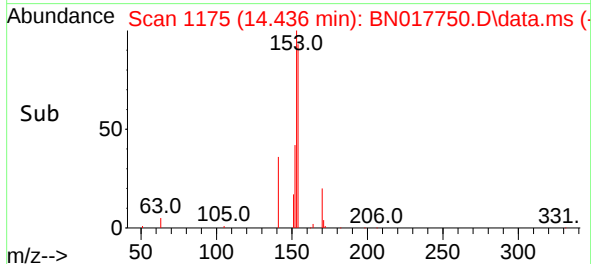
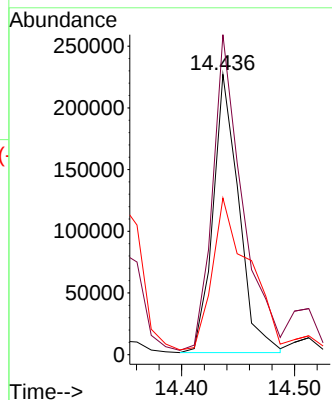
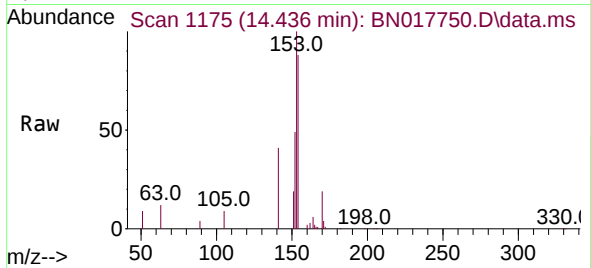




#17
Acenaphthene
Concen: 1.027 ng
RT: 14.436 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

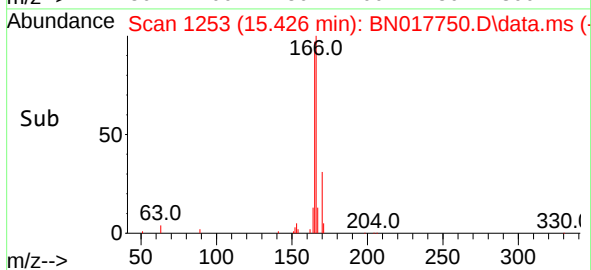
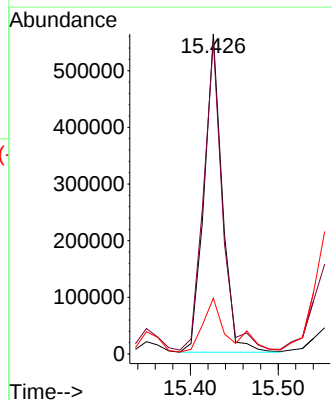
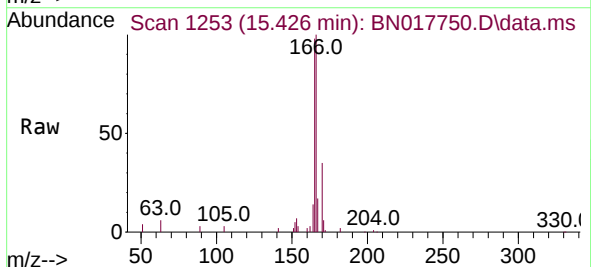
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

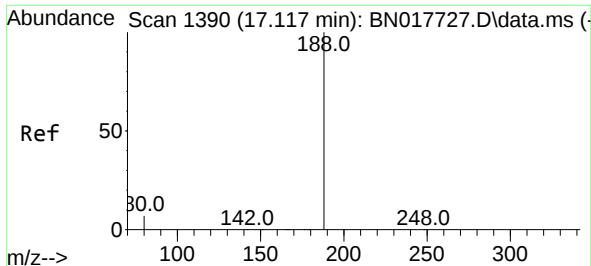
Tgt Ion:154 Resp: 358302
Ion Ratio Lower Upper
154 100
153 129.9 91.2 136.8
152 84.1 44.3 66.5#



#18
Fluorene
Concen: 1.793 ng
RT: 15.426 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

Tgt Ion:166 Resp: 802264
Ion Ratio Lower Upper
166 100
165 101.0 77.9 116.9
167 24.1 10.9 16.3#

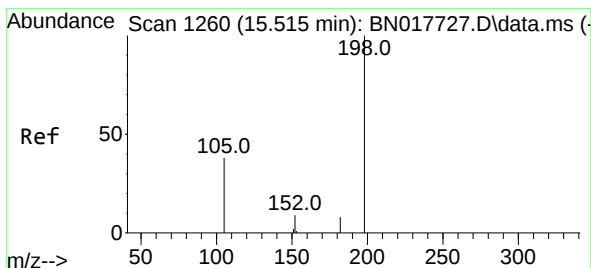
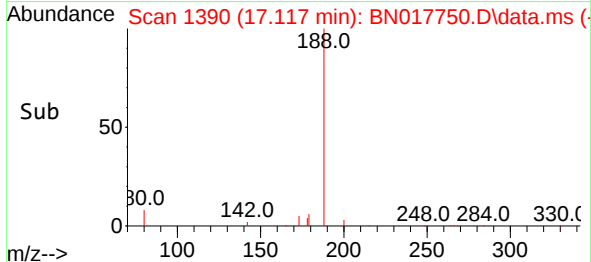
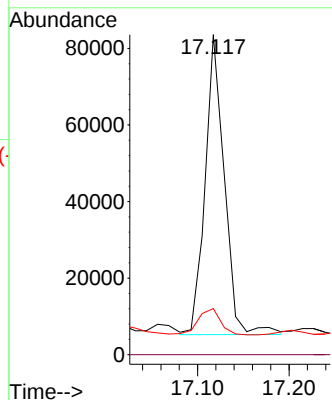
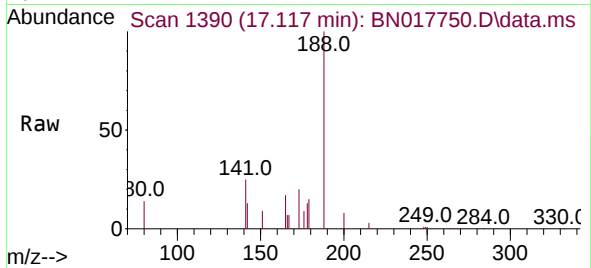




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

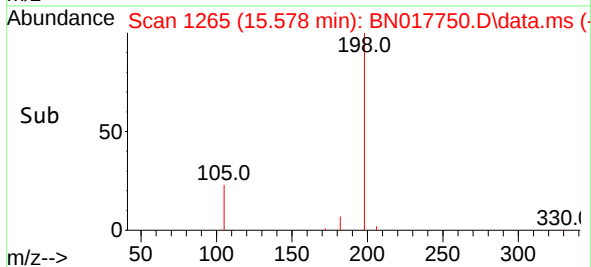
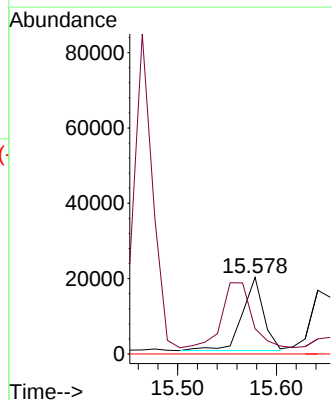
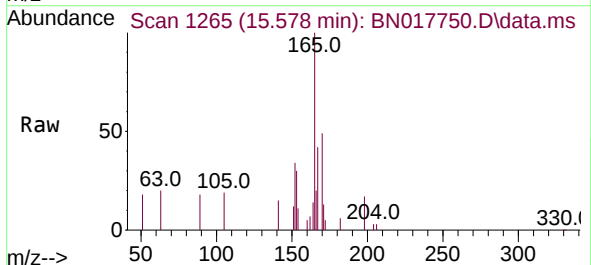
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

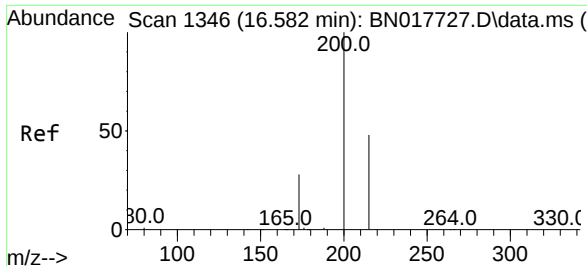
Tgt Ion:188 Resp: 114078
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 6.1 9.1#



#20
4,6-Dinitro-2-methylphenol
Concen: 3.771 ng
RT: 15.578 min Scan# 1265
Delta R.T. 0.063 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

Tgt Ion:198 Resp: 29329
Ion Ratio Lower Upper
198 100
182 33.0 11.4 17.2#
77 0.0 0.0 0.0

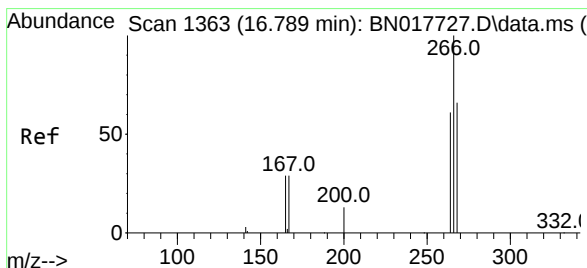
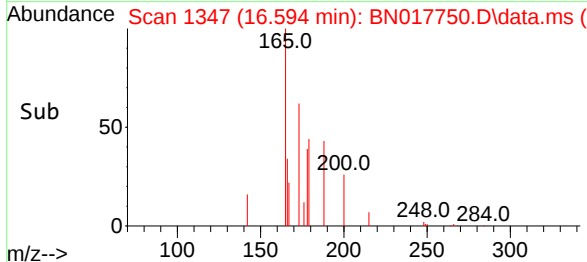
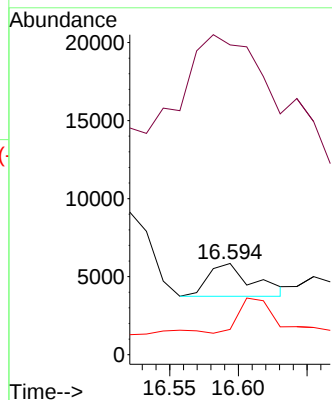
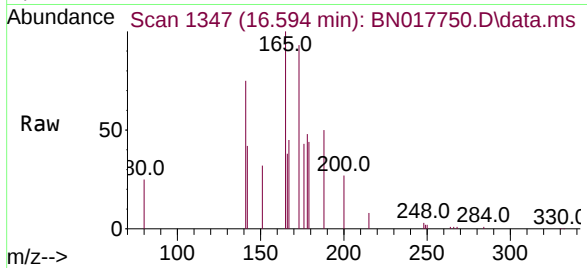




#23
 Atrazine
 Concen: 0.177 ng
 RT: 16.594 min Scan# 1347
 Delta R.T. 0.012 min
 Lab File: BN017750.D
 Acq: 07 Dec 2021 04:21

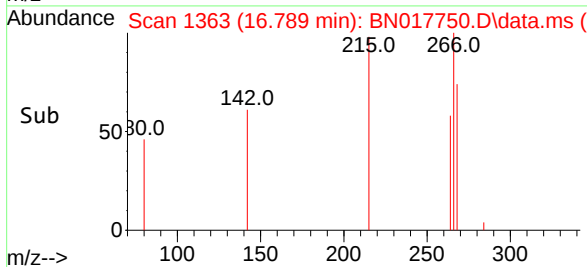
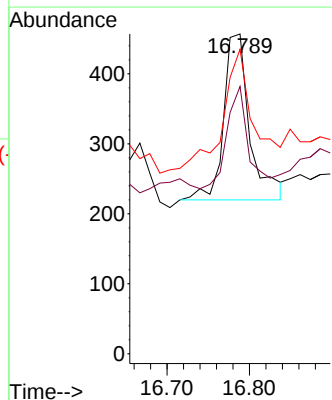
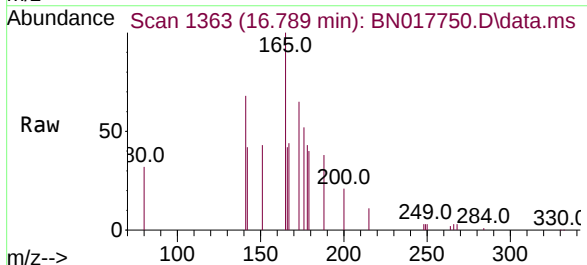
Instrument :
 BNA_N
 ClientSampleId :
 DUP120121RE

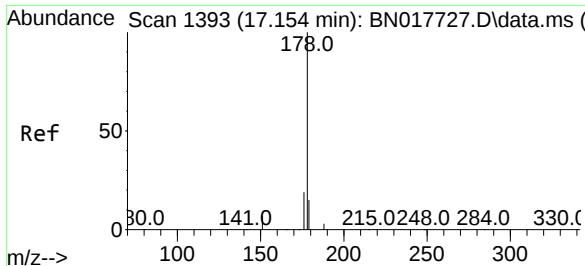
Tgt Ion:200 Resp: 4763
 Ion Ratio Lower Upper
 200 100
 173 339.5 17.6 26.4#
 215 27.7 40.2 60.4#



#24
 Pentachlorophenol
 Concen: 0.191 ng
 RT: 16.789 min Scan# 1363
 Delta R.T. -0.000 min
 Lab File: BN017750.D
 Acq: 07 Dec 2021 04:21

Tgt Ion:266 Resp: 525
 Ion Ratio Lower Upper
 266 100
 264 50.3 49.8 74.8
 268 81.1 51.3 76.9#

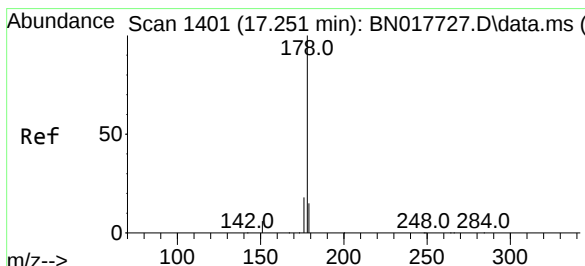
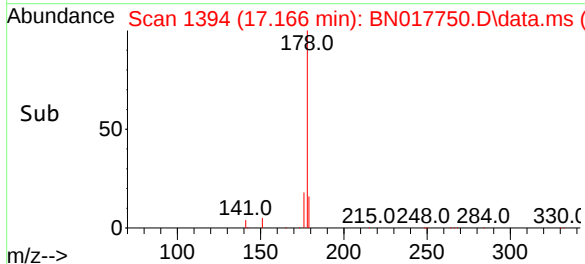
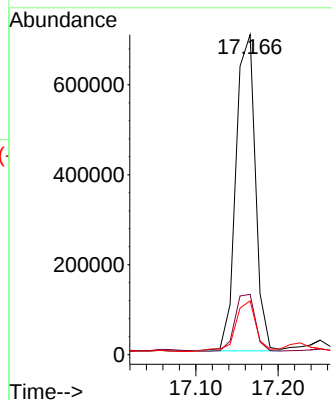
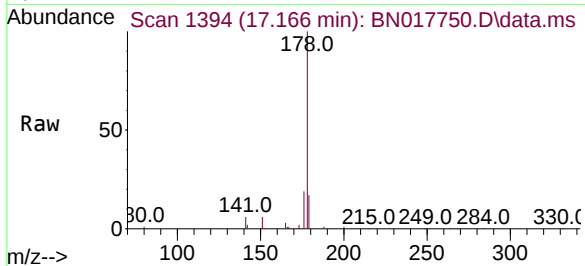




#25
Phenanthrene
Concen: 3.855 ng
RT: 17.166 min Scan# 11
Delta R.T. 0.012 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

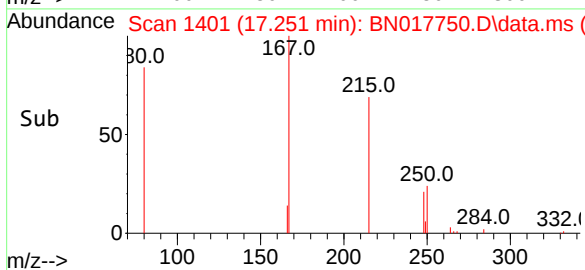
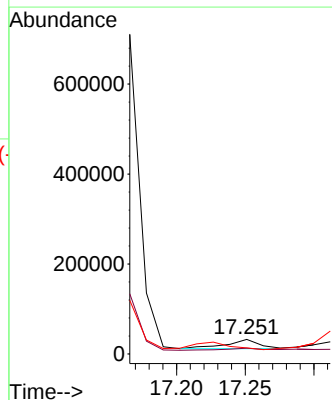
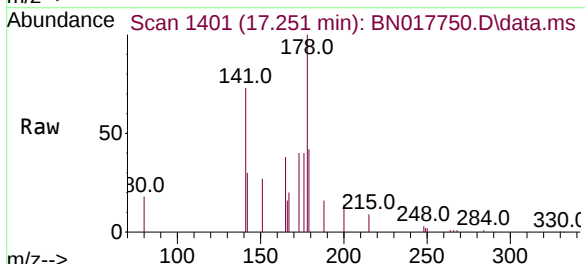
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

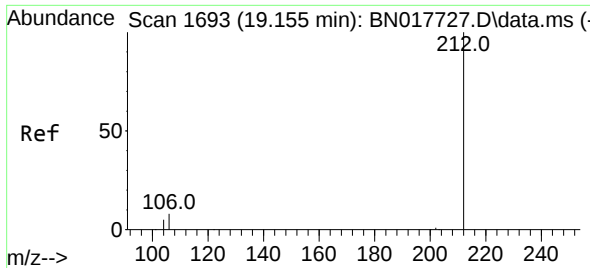
Tgt Ion:178 Resp: 1158790
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 17.2 12.3 18.5



#26
Anthracene
Concen: 0.136 ng
RT: 17.251 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

Tgt Ion:178 Resp: 35736
Ion Ratio Lower Upper
178 100
176 24.1 14.6 22.0#
179 0.0 12.2 18.4#

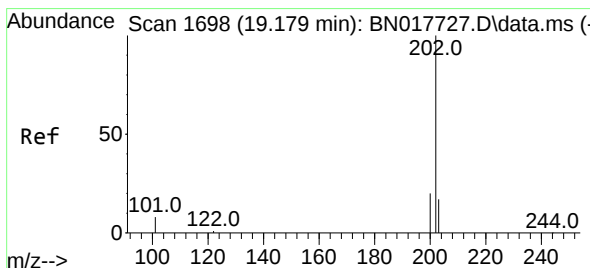
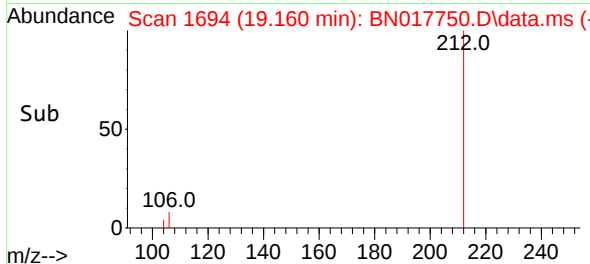
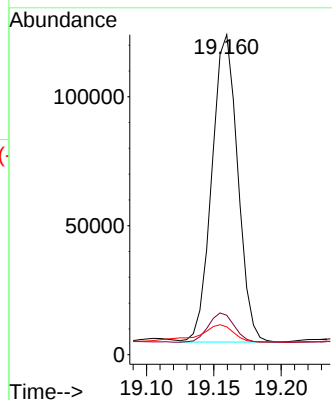
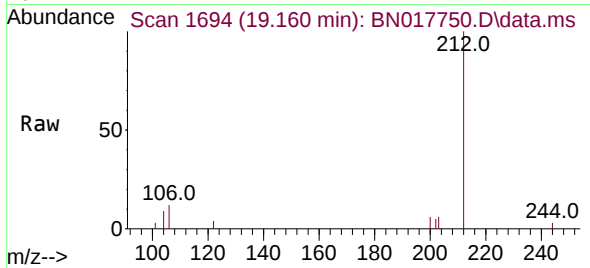




#27
Fluoranthene-d10
Concen: 0.414 ng
RT: 19.160 min Scan# 1700
Delta R.T. 0.005 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

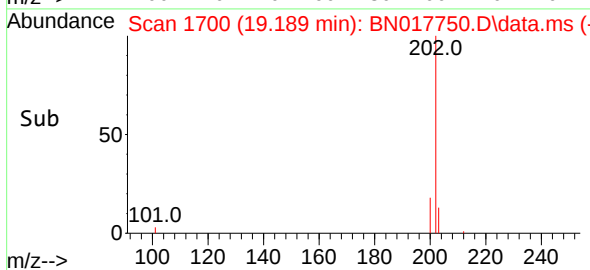
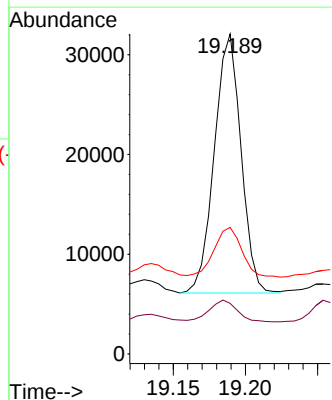
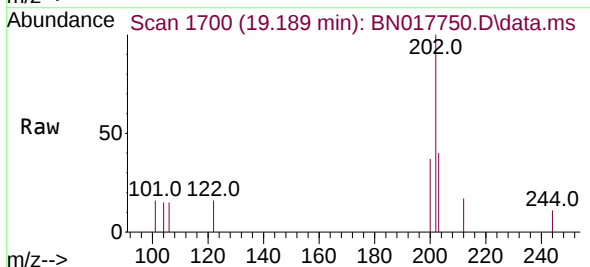
Instrument :
BNA_N
ClientSampleId :
DUP120121RE

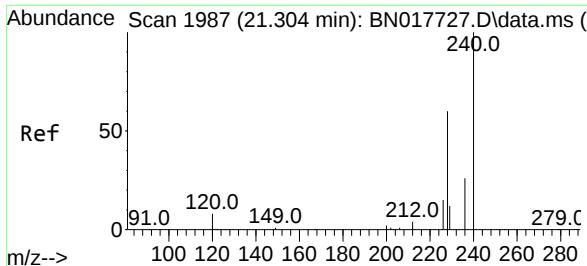
Tgt Ion:212 Resp: 159097
Ion Ratio Lower Upper
212 100
106 9.7 10.5 15.7#
104 7.6 5.8 8.6



#28
Fluoranthene
Concen: 0.092 ng
RT: 19.189 min Scan# 1700
Delta R.T. 0.010 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

Tgt Ion:202 Resp: 33396
Ion Ratio Lower Upper
202 100
101 8.6 8.9 13.3#
203 20.1 13.8 20.6

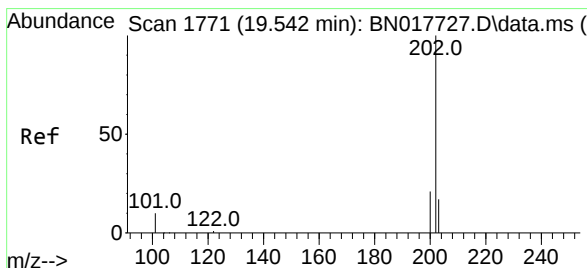
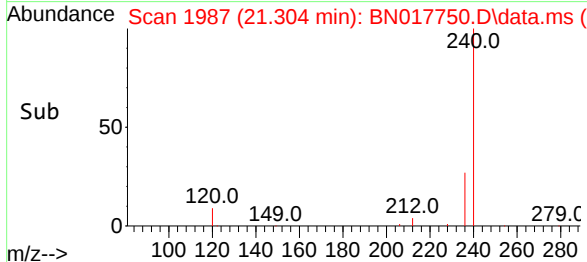
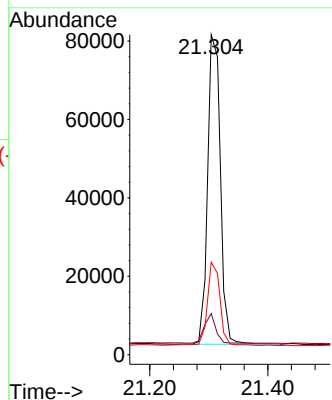
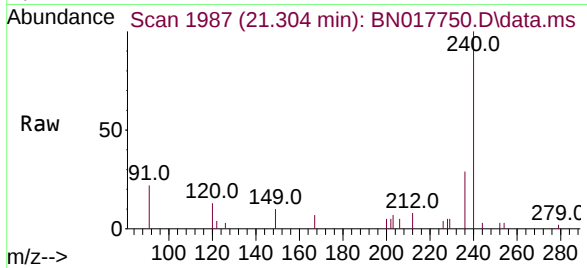




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

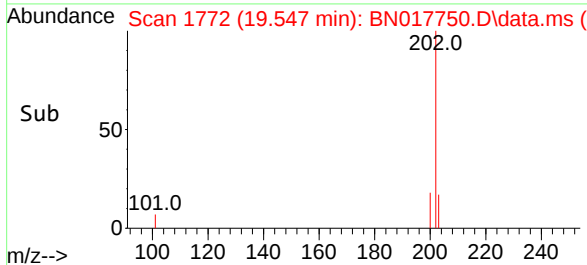
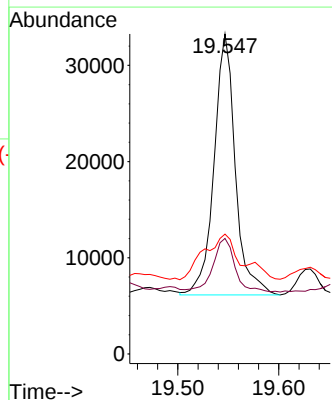
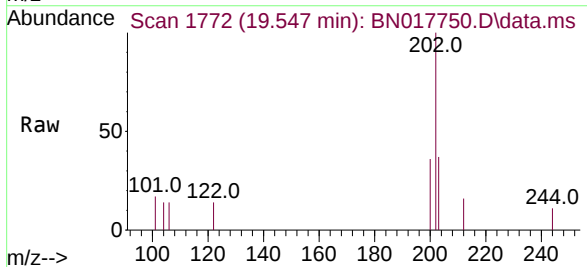
Instrument :
BNA_N
ClientSampleId :
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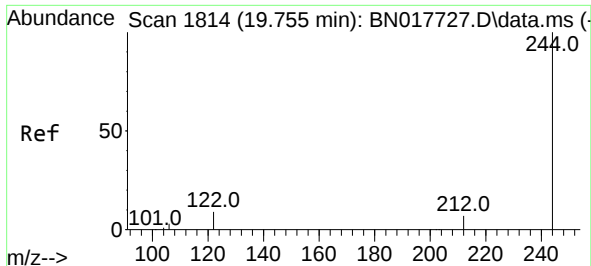
Tgt Ion:240 Resp: 118641
Ion Ratio Lower Upper
240 100
120 12.9 4.2 6.2#
236 28.9 20.0 30.0



#30
Pyrene
Concen: 0.089 ng
RT: 19.547 min Scan# 1772
Delta R.T. 0.005 min
Lab File: BN017750.D
Acq: 07 Dec 2021 04:21

Tgt Ion:202 Resp: 39687
Ion Ratio Lower Upper
202 100
200 21.1 16.5 24.7
203 25.3 14.0 21.0#

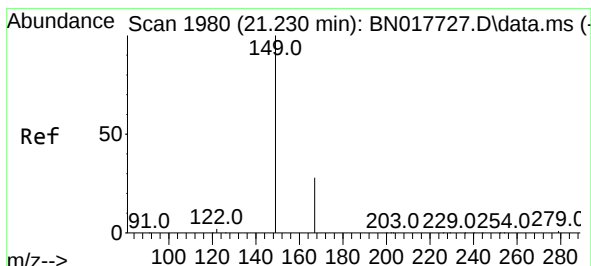
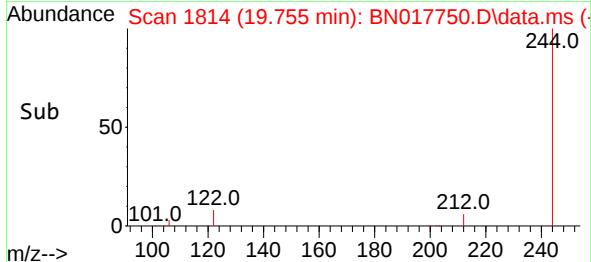
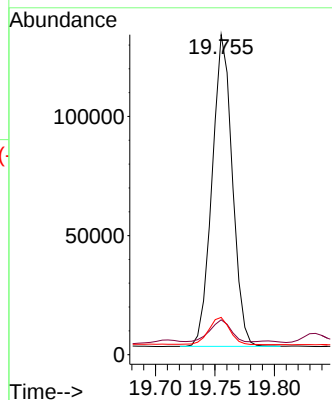
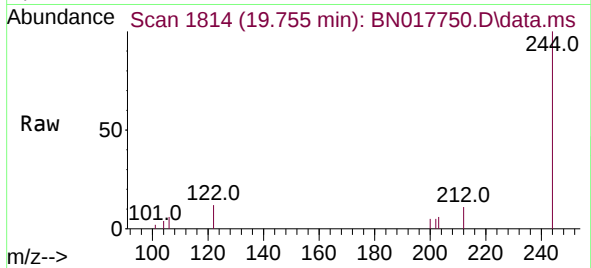




#31
 Terphenyl-d14
 Concen: 0.509 ng
 RT: 19.755 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BN017750.D
 Acq: 07 Dec 2021 04:21

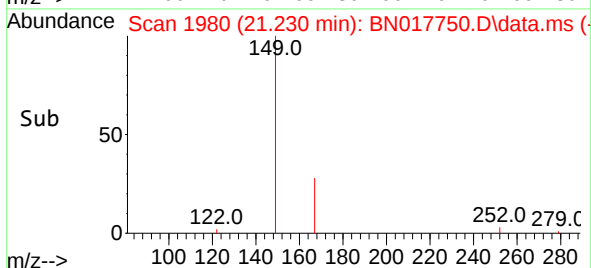
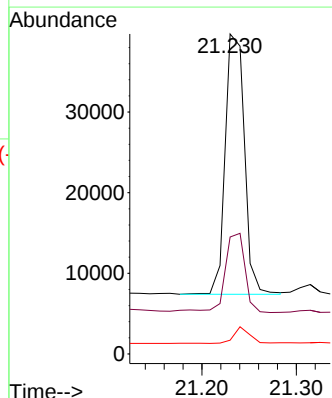
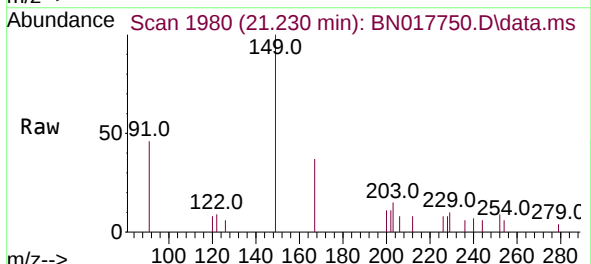
Instrument :
 BNA_N
 ClientSampleId :
 DUP120121RE

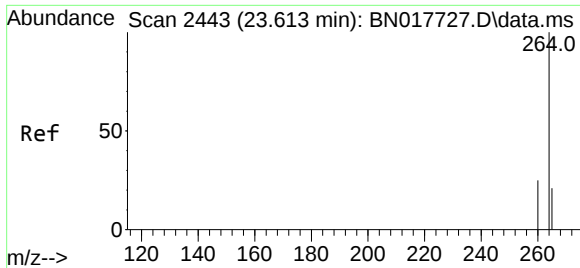
Tgt Ion:244 Resp: 154903
 Ion Ratio Lower Upper
 244 100
 212 10.9 5.7 8.5#
 122 11.7 8.6 13.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.244 ng
 RT: 21.230 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: BN017750.D
 Acq: 07 Dec 2021 04:21

Tgt Ion:149 Resp: 45672
 Ion Ratio Lower Upper
 149 100
 167 31.9 21.8 32.6
 279 5.2 3.4 5.0#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.617 min Scan# 2444
 Delta R.T. 0.003 min
 Lab File: BN017750.D
 Acq: 07 Dec 2021 04:21

Instrument :
 BNA_N
 ClientSampleId :
 DUP120121RE

Tgt Ion:264 Resp: 110285
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.4 29.2
 265 28.9 18.6 28.0#

