

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
 Data File : BN017791.D
 Acq On : 08 Dec 2021 09:09
 Operator : CG/JU
 Sample : M4918-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP120221

Quant Time: Dec 09 00:04:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

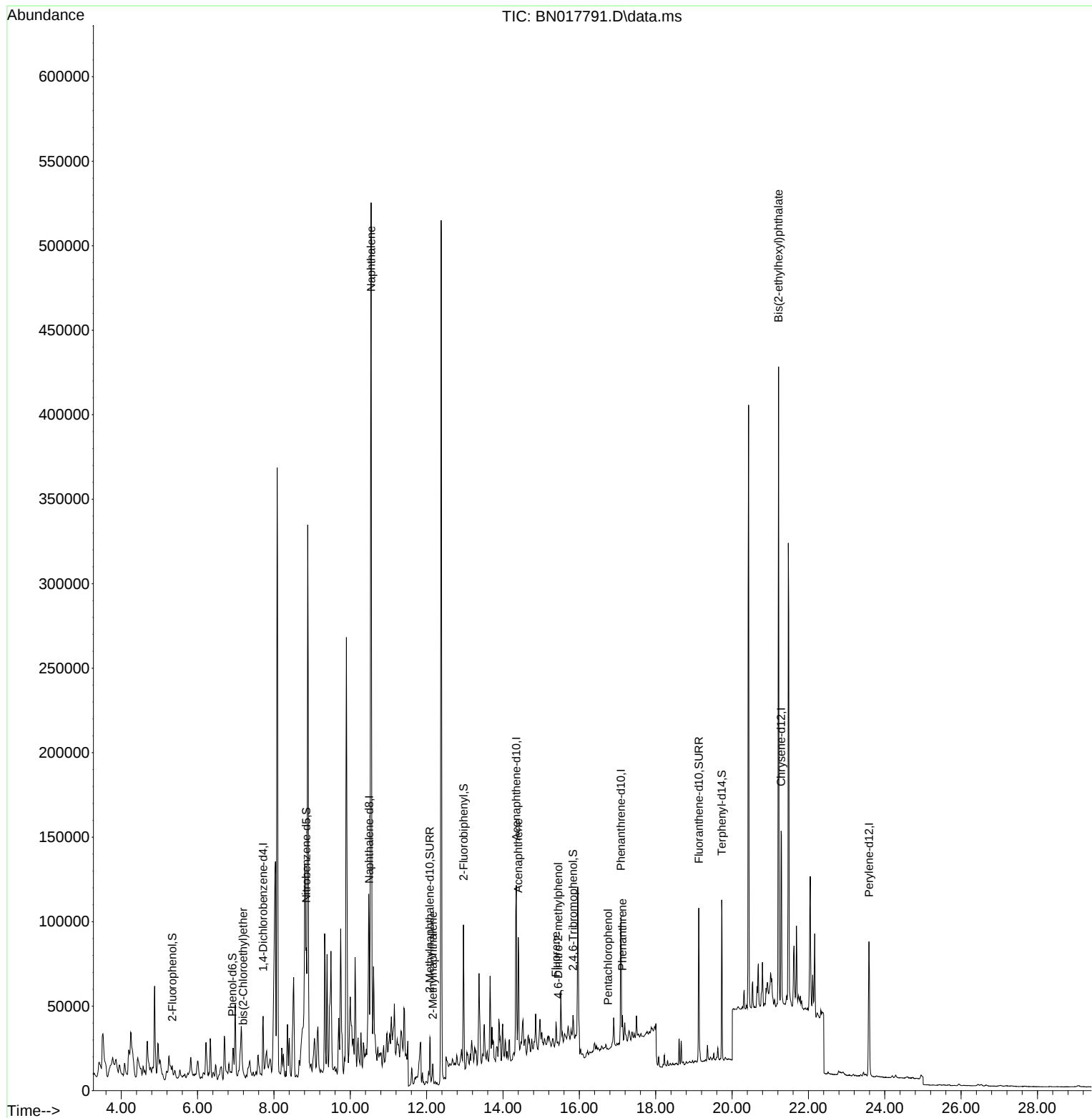
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	18939	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	76880	0.400	ng	0.00
13) Acenaphthene-d10	14.348	164	56725	0.400	ng	# 0.00
19) Phenanthrene-d10	17.093	188	113042	0.400	ng	0.00
29) Chrysene-d12	21.283	240	108629	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	110240	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	7366	0.161	ng	0.00
5) Phenol-d6	6.913	99	3671	0.085	ng	0.00
8) Nitrobenzene-d5	8.847	82	48399	0.946	ng	-0.01
11) 2-Methylnaphthalene-d10	12.085	152	38542	0.251	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	12961	0.437	ng	-0.01
15) 2-Fluorobiphenyl	12.965	172	67461	0.325	ng	0.00
27) Fluoranthene-d10	19.130	212	109357	0.289	ng	0.00
31) Terphenyl-d14	19.730	244	96317	0.413	ng	0.00
Target Compounds						
6) bis(2-Chloroethyl)ether	7.189	93	1043	0.021	ng	# 20
9) Naphthalene	10.545	128	607105	3.016	ng	97
12) 2-Methylnaphthalene	12.161	142	8703	0.060	ng	# 73
17) Acenaphthene	14.398	154	39321	0.265	ng	98
18) Fluorene	15.388	166	9119	0.048	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.451	198	72	0.144	ng	# 1
24) Pentachlorophenol	16.752	266	105	0.283	ng	# 84
25) Phenanthrene	17.129	178	18577	0.063	ng	96
34) Bis(2-ethylhexyl)phtha...	21.219	149	347498	2.293	ng	99

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

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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DUP120221

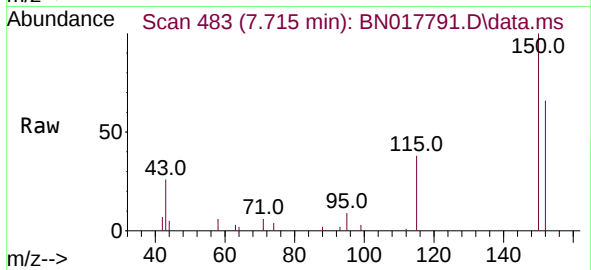
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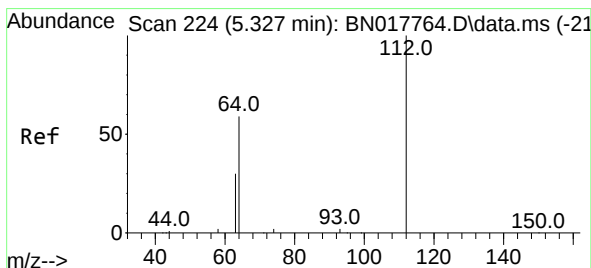
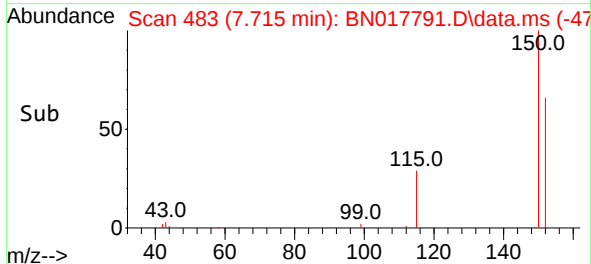
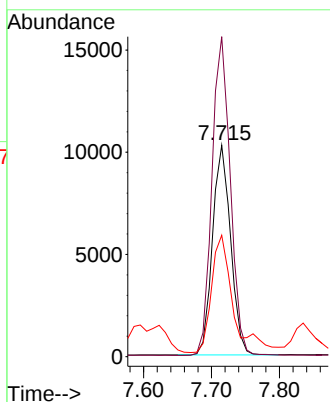


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

Instrument :
BNA_N
ClientSampleId :
DUP120221

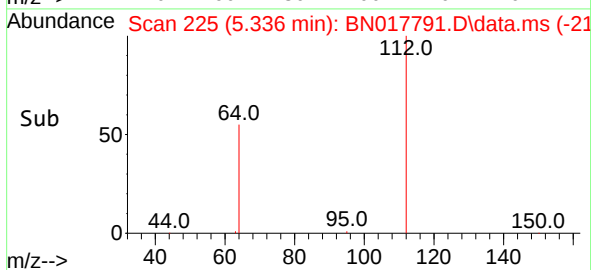
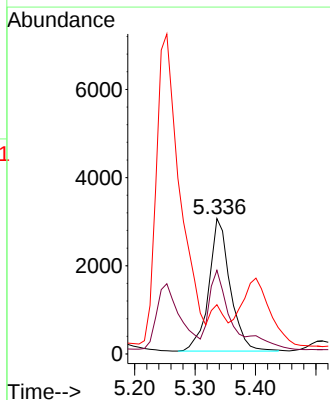
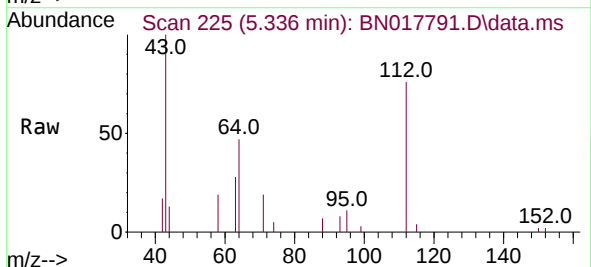


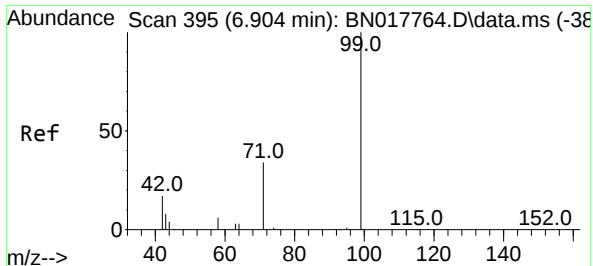
Tgt Ion:152 Resp: 18939
Ion Ratio Lower Upper
152 100
150 151.4 123.0 184.4
115 57.5 45.3 67.9



#4
2-Fluorophenol
Concen: 0.161 ng
RT: 5.336 min Scan# 225
Delta R.T. 0.009 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

Tgt Ion:112 Resp: 7366
Ion Ratio Lower Upper
112 100
64 53.2 49.3 73.9
63 8.3 25.8 38.8

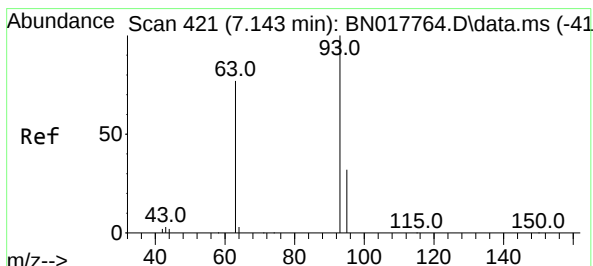
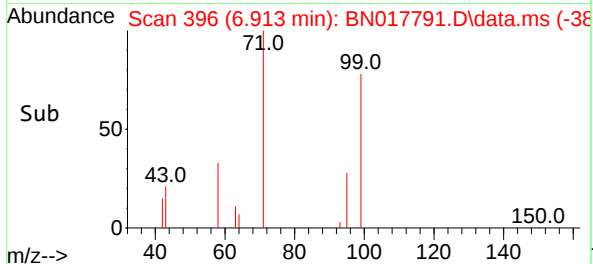
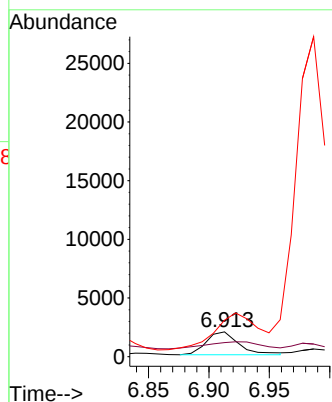
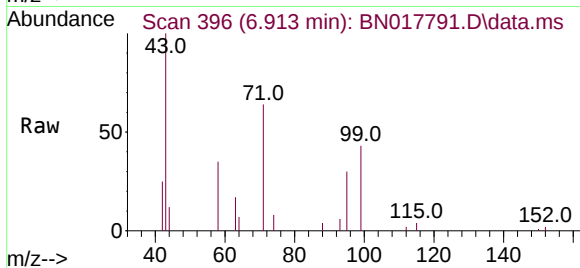




#5
Phenol-d6
Concen: 0.085 ng
RT: 6.913 min Scan# 395
Delta R.T. 0.009 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

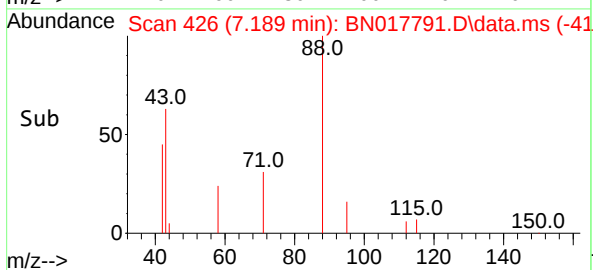
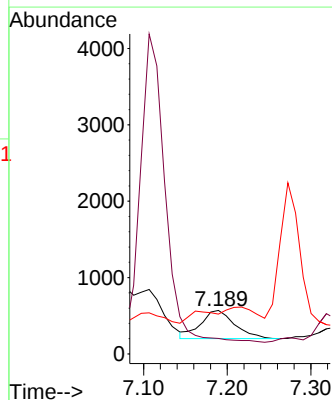
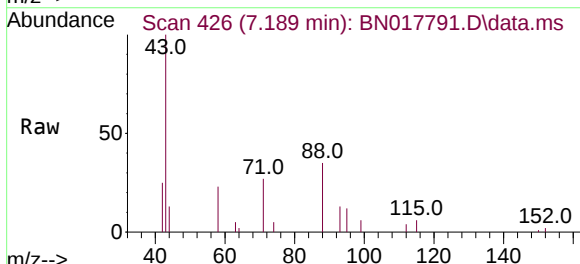
Instrument :
BNA_N
ClientSampleId :
DUP120221

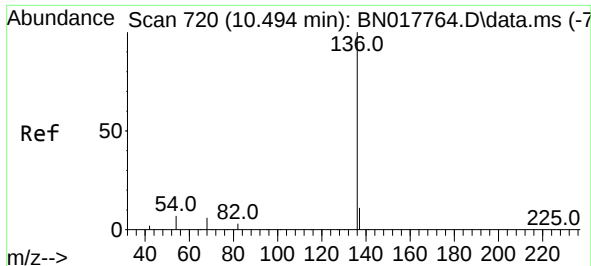
Tgt Ion: 99 Resp: 3671
Ion Ratio Lower Upper
99 100
42 49.0 16.6 25.0#
71 216.9 29.0 43.4#



#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.189 min Scan# 426
Delta R.T. 0.046 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

Tgt Ion: 93 Resp: 1043
Ion Ratio Lower Upper
93 100
63 0.0 62.0 93.0#
95 0.0 26.4 39.6#

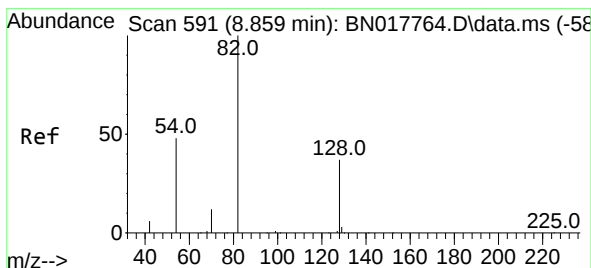
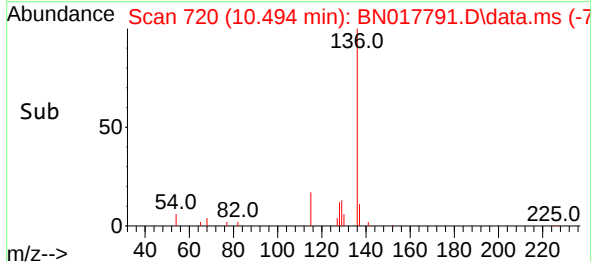
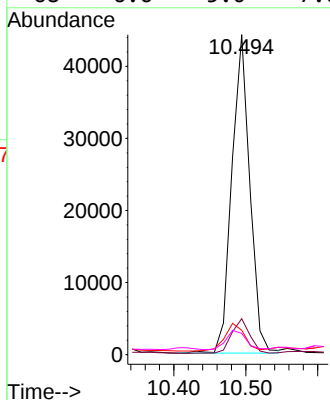
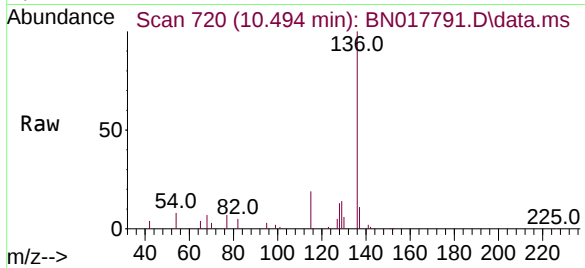




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 720
Delta R.T. 0.000 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

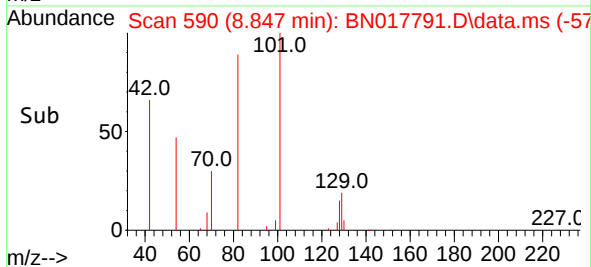
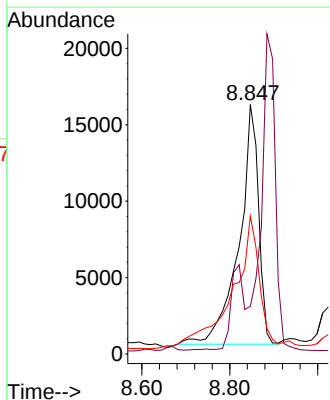
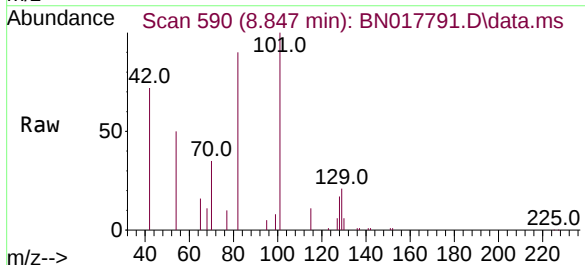
Instrument :
BNA_N
ClientSampleId :
DUP120221

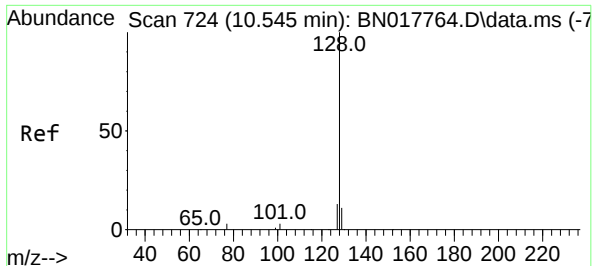
Tgt Ion:	136	Resp:	76880
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	7.7	5.9	8.9
68	6.6	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.946 ng
RT: 8.847 min Scan# 590
Delta R.T. -0.013 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

Tgt Ion:	82	Resp:	48399
Ion Ratio	Lower	Upper	
82	100		
128	19.1	30.2	45.2#
54	55.4	39.0	58.6

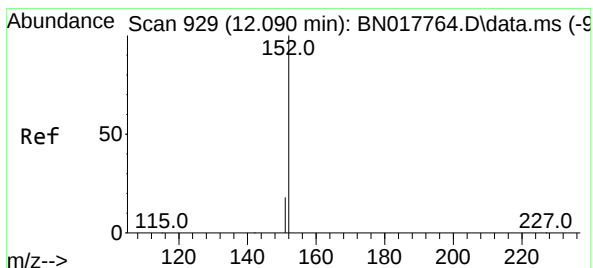
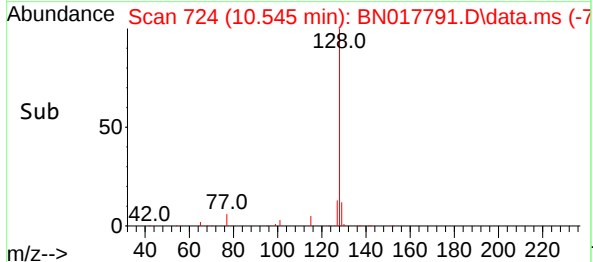
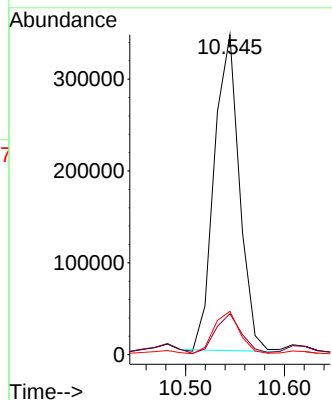
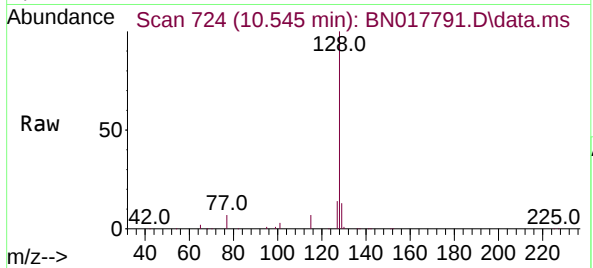




#9
Naphthalene
Concen: 3.016 ng
RT: 10.545 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

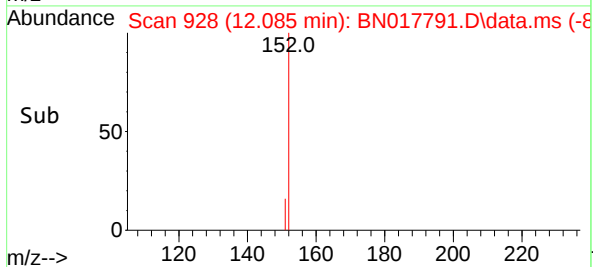
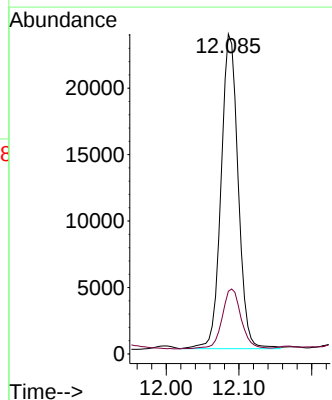
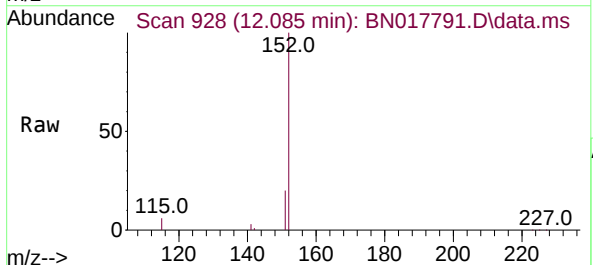
Instrument :
BNA_N
ClientSampleId :
DUP120221

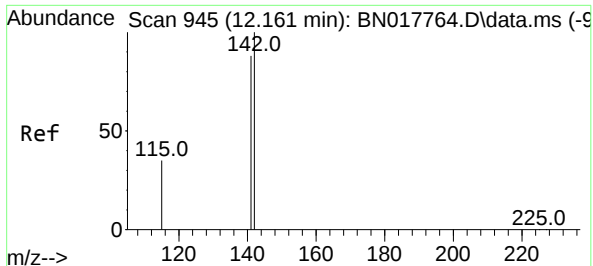
Tgt Ion:128 Resp: 607105
Ion Ratio Lower Upper
128 100
129 12.8 8.8 13.2
127 13.5 10.6 15.8



#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.085 min Scan# 928
Delta R.T. -0.004 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

Tgt Ion:152 Resp: 38542
Ion Ratio Lower Upper
152 100
151 21.4 16.4 24.6





#12

2-Methylnaphthalene

Concen: 0.060 ng

RT: 12.161 min Scan# 945

Delta R.T. -0.000 min

Lab File: BN017791.D

Acq: 08 Dec 2021 09:09

Instrument :

BNA_N

ClientSampleId :

DUP120221

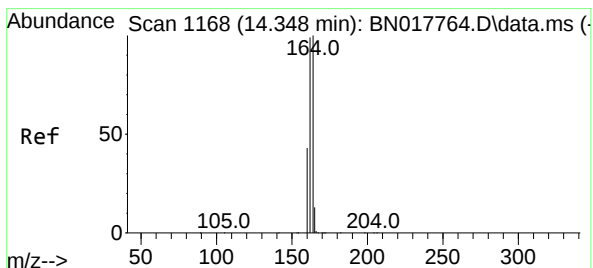
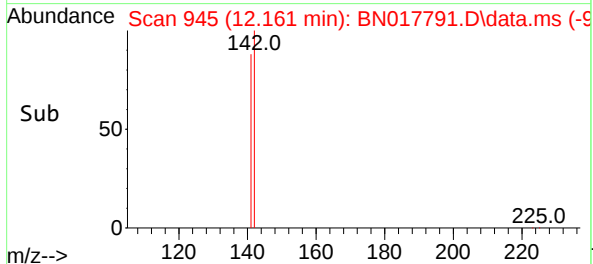
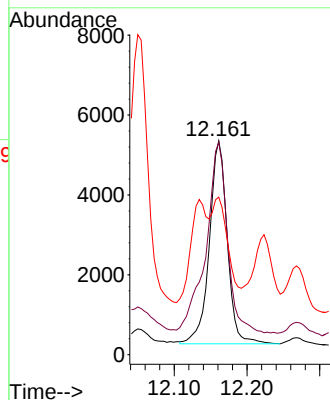
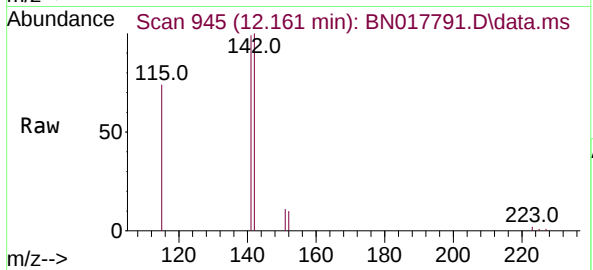
Tgt Ion:142 Resp: 8703

Ion Ratio Lower Upper

142 100

141 99.2 70.5 105.7

115 73.6 28.0 42.0#



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.348 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BN017791.D

Acq: 08 Dec 2021 09:09

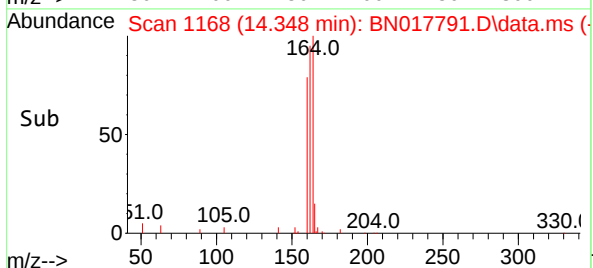
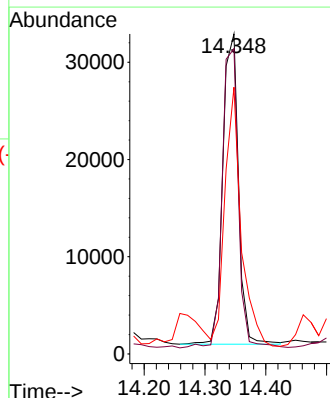
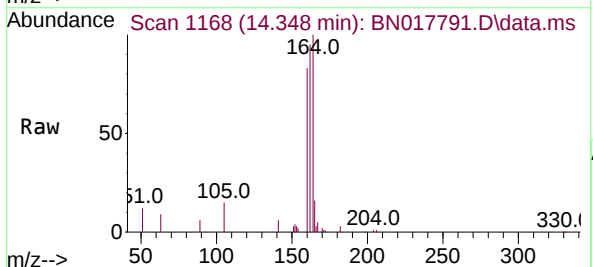
Tgt Ion:164 Resp: 56725

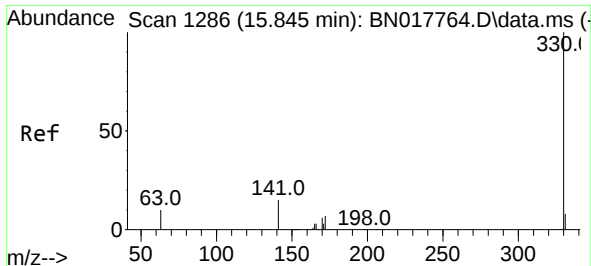
Ion Ratio Lower Upper

164 100

162 95.4 79.0 118.6

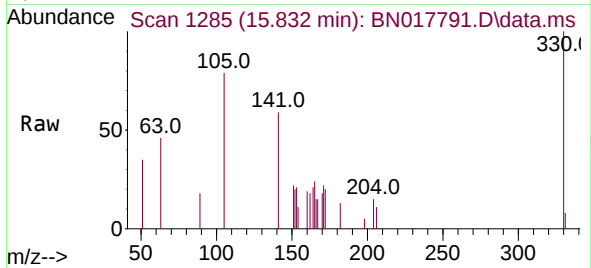
160 83.4 34.6 52.0#



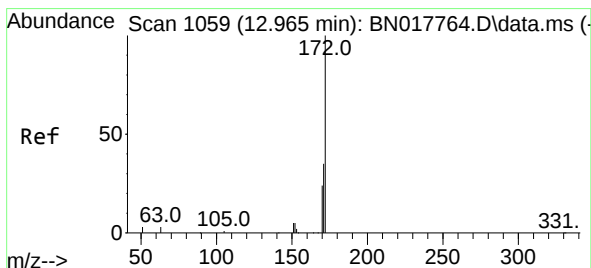
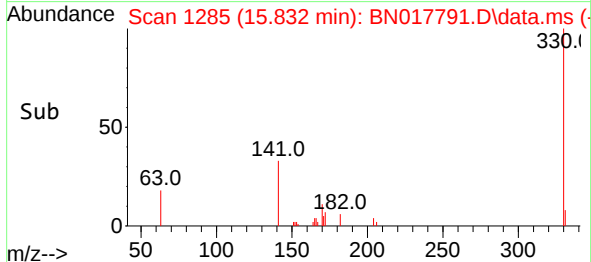
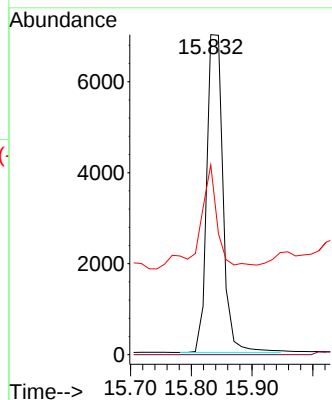


#14
2,4,6-Tribromophenol
Concen: 0.437 ng
RT: 15.832 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

Instrument :
BNA_N
ClientSampleId :
DUP120221

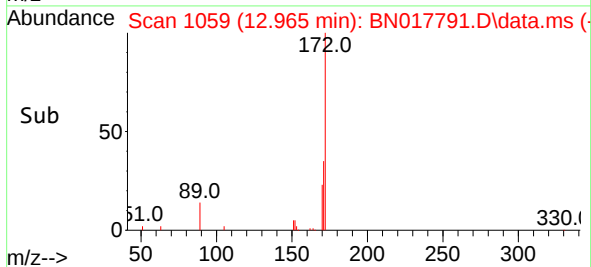
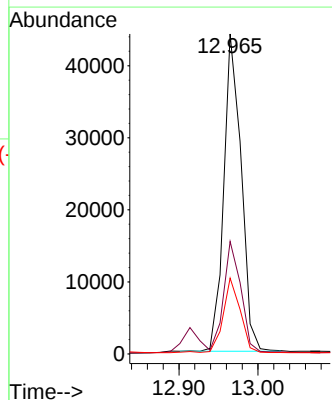
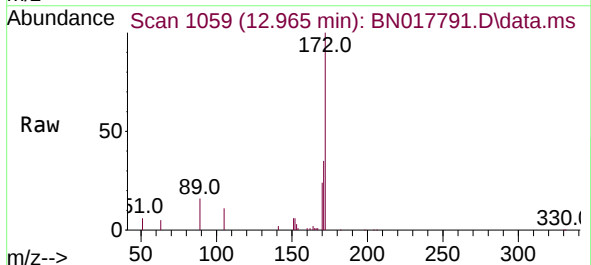


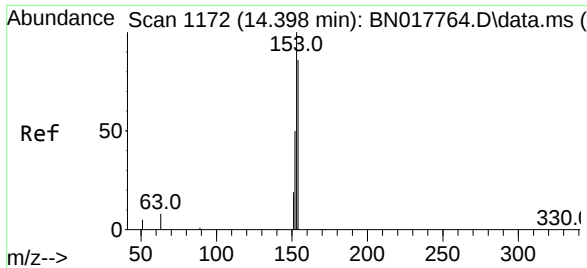
Tgt Ion: 330 Resp: 12961
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 27.6 21.5 32.3



#15
2-Fluorobiphenyl
Concen: 0.325 ng
RT: 12.965 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

Tgt Ion: 172 Resp: 67461
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.7 18.9 28.3

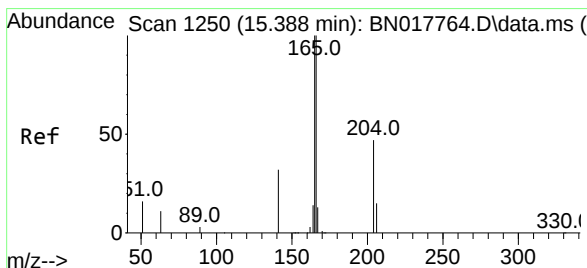
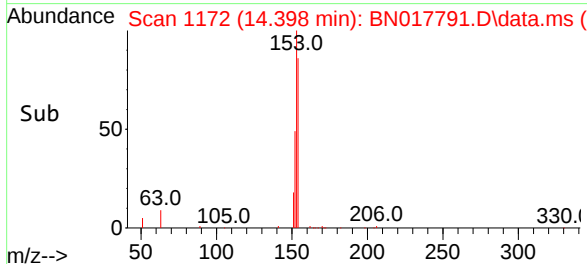
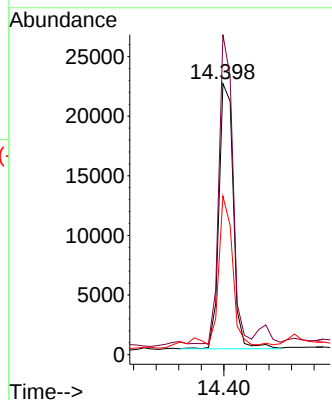
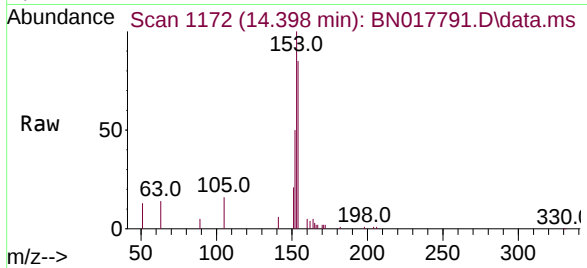




#17
Acenaphthene
Concen: 0.265 ng
RT: 14.398 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

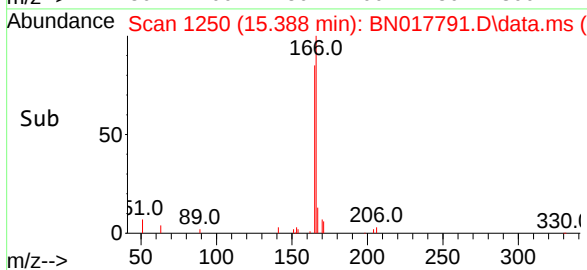
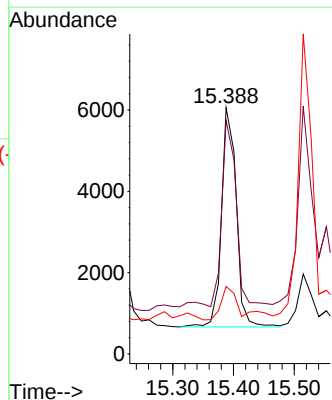
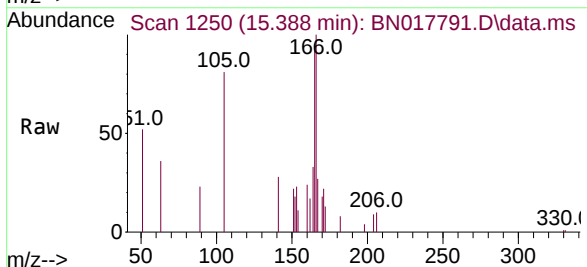
Instrument :
BNA_N
ClientSampleId :
DUP120221

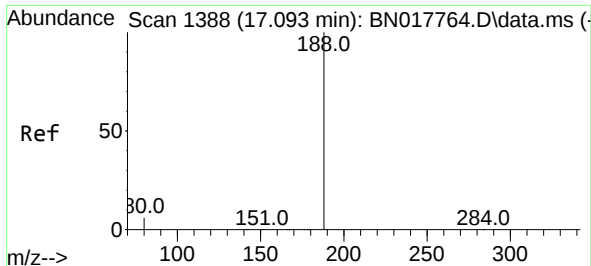
Tgt Ion:154 Resp: 39321
Ion Ratio Lower Upper
154 100
153 110.8 90.1 135.1
152 53.5 43.7 65.5



#18
Fluorene
Concen: 0.048 ng
RT: 15.388 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

Tgt Ion:166 Resp: 9119
Ion Ratio Lower Upper
166 100
165 84.2 77.8 116.8
167 16.5 11.0 16.4#

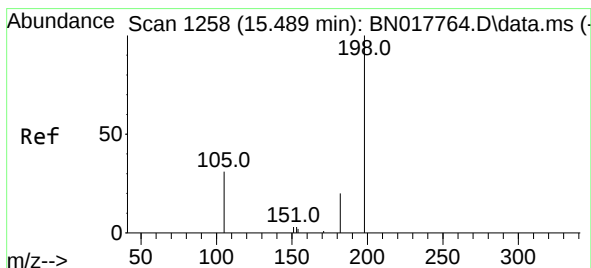
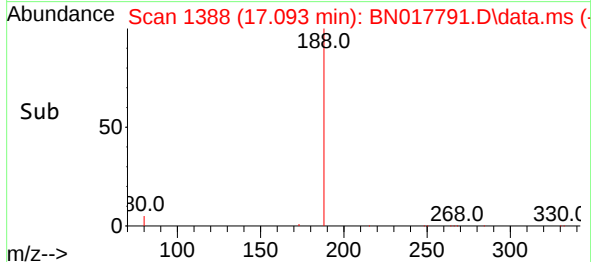
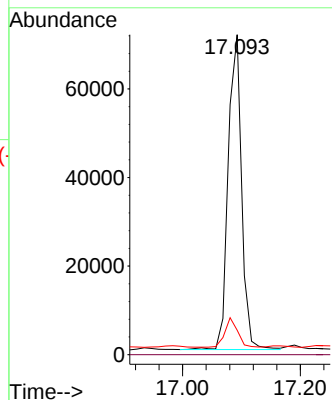
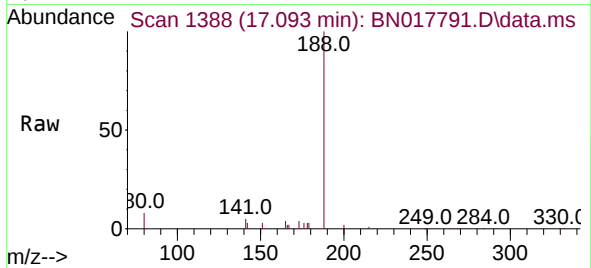




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

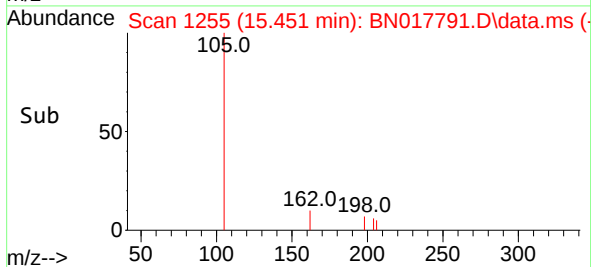
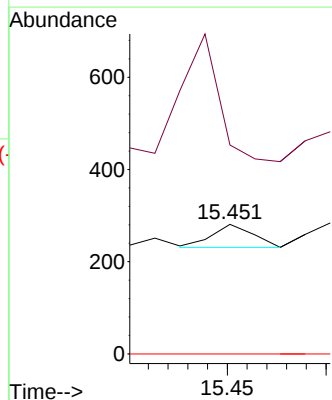
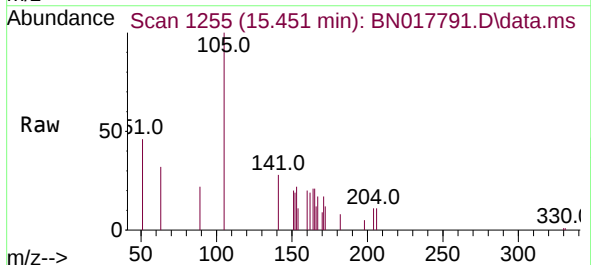
Instrument :
BNA_N
ClientSampleId :
DUP120221

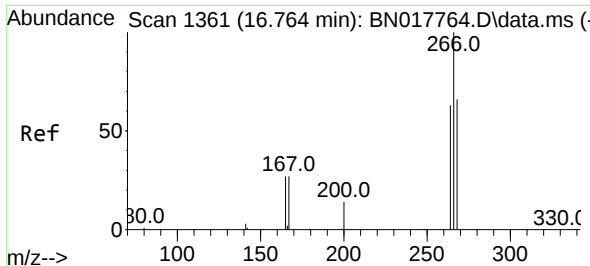
Tgt Ion:188 Resp: 113042
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 5.1 7.7



#20
4,6-Dinitro-2-methylphenol
Concen: 0.144 ng
RT: 15.451 min Scan# 1255
Delta R.T. -0.038 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

Tgt Ion:198 Resp: 72
Ion Ratio Lower Upper
198 100
182 161.2 44.2 66.2#
77 0.0 0.0 0.0

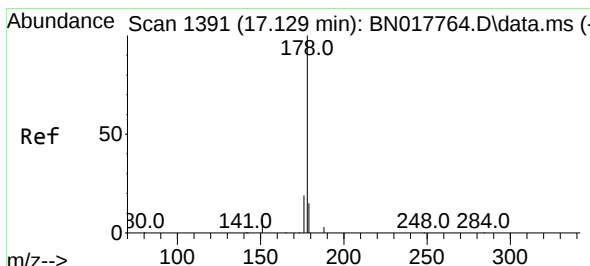
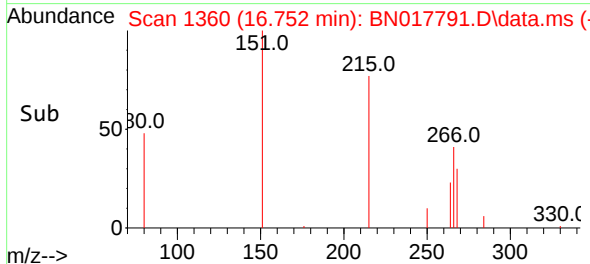
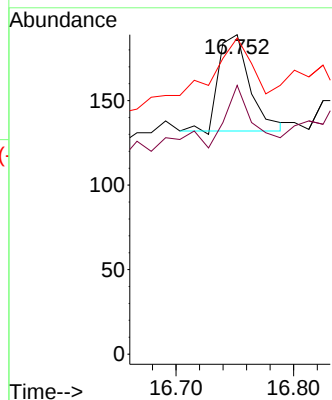
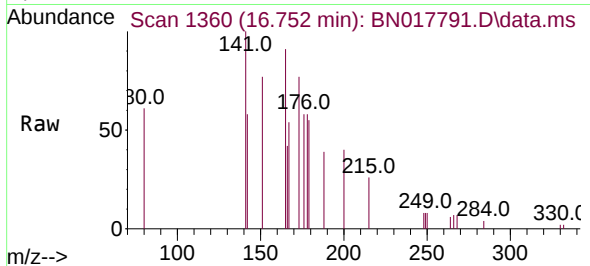




#24
Pentachlorophenol
Concen: 0.283 ng
RT: 16.752 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

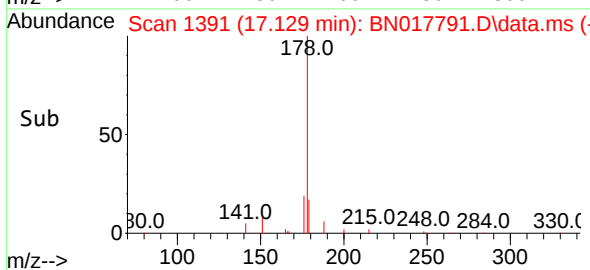
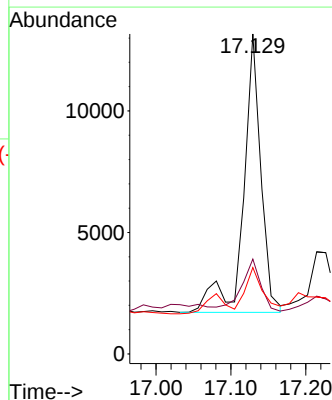
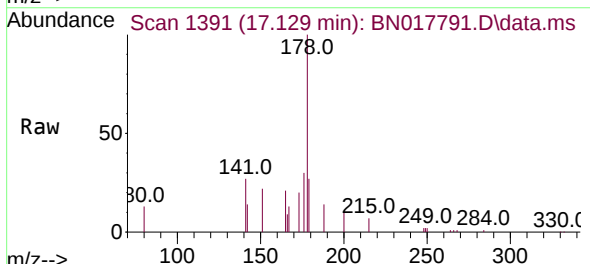
Instrument :
BNA_N
ClientSampleId :
DUP120221

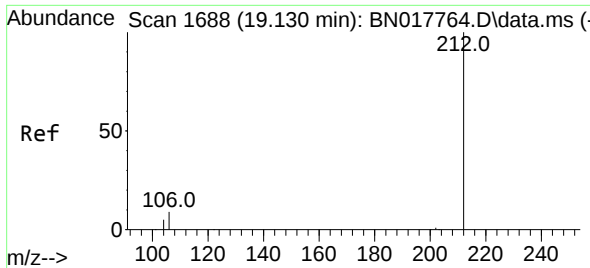
Tgt Ion:266 Resp: 105
Ion Ratio Lower Upper
266 100
264 40.0 50.8 76.2#
268 62.9 51.8 77.6



#25
Phenanthrene
Concen: 0.063 ng
RT: 17.129 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

Tgt Ion:178 Resp: 18577
Ion Ratio Lower Upper
178 100
176 20.1 15.0 22.6
179 13.7 12.5 18.7

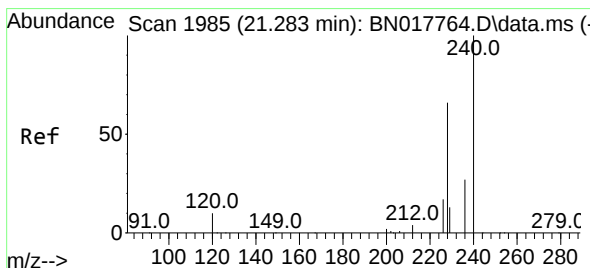
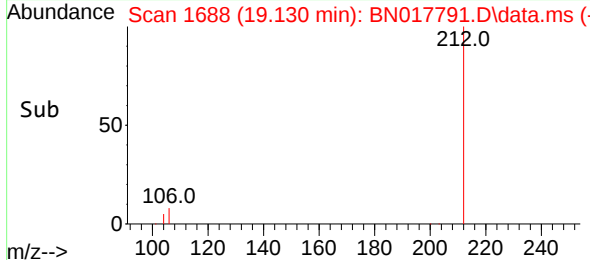
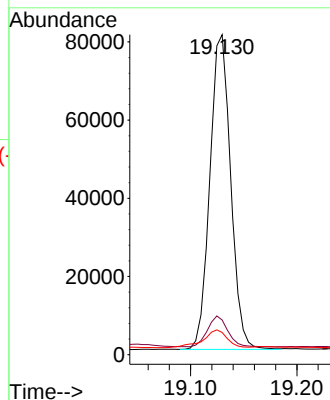
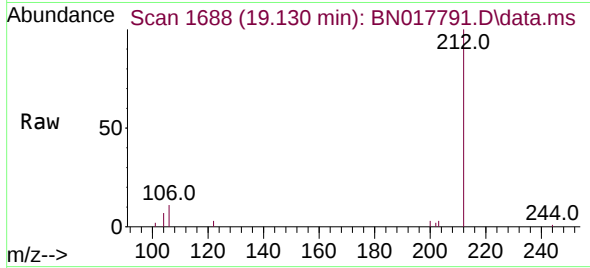




#27
Fluoranthene-d10
Concen: 0.289 ng
RT: 19.130 min Scan# 109357
Delta R.T. -0.000 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

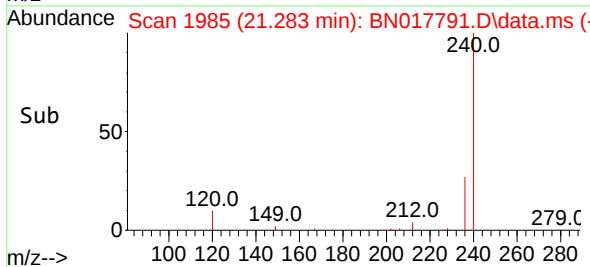
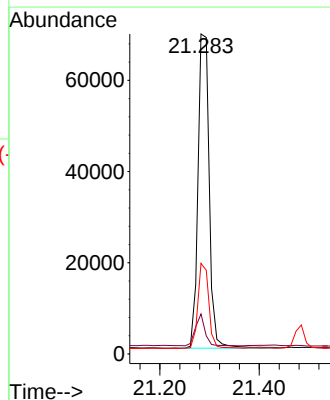
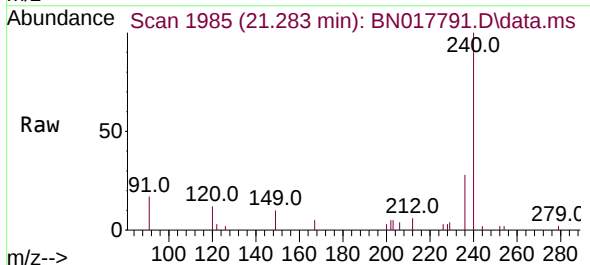
Instrument :
BNA_N
ClientSampleId :
DUP120221

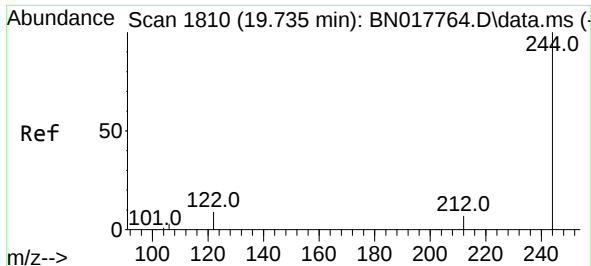
Tgt Ion	Ratio	Lower	Upper
212	100		
106	9.4	8.2	12.2
104	6.4	4.6	6.8



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.283 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BN017791.D
Acq: 08 Dec 2021 09:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	7.9	11.9
236	28.3	21.4	32.2

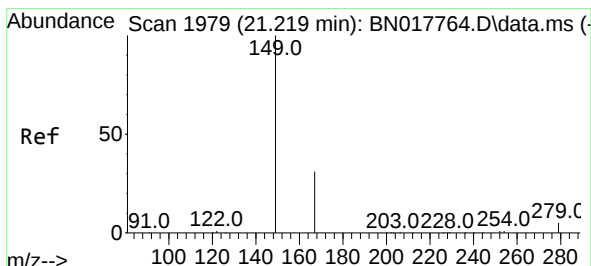
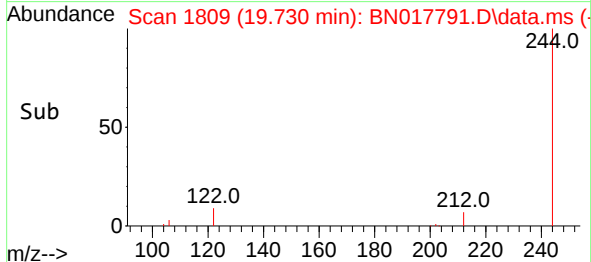
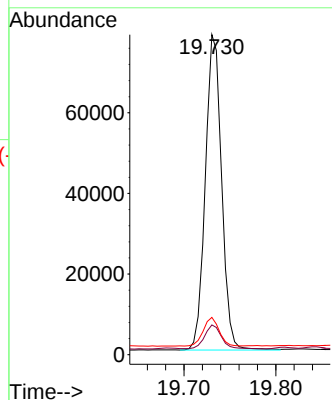
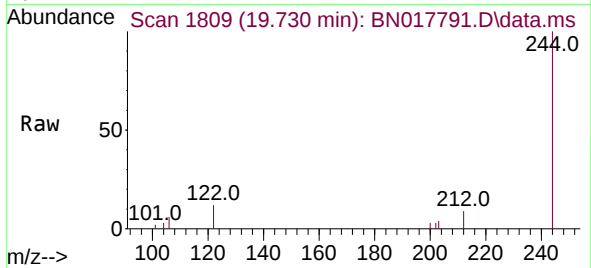




#31
 Terphenyl-d14
 Concen: 0.413 ng
 RT: 19.730 min Scan# 1810
 Delta R.T. -0.005 min
 Lab File: BN017791.D
 Acq: 08 Dec 2021 09:09

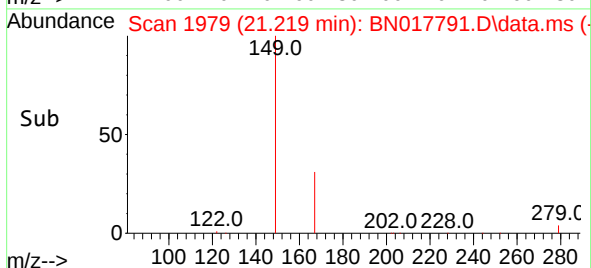
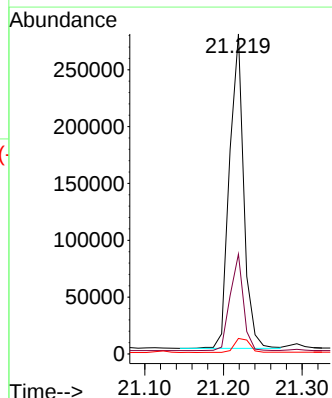
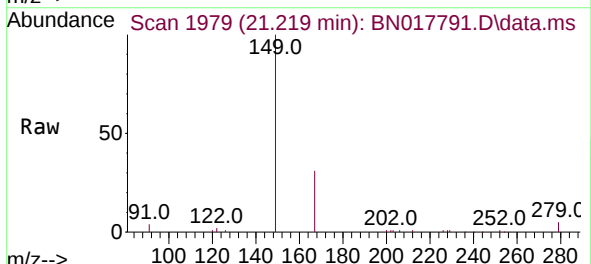
Instrument :
 BNA_N
 ClientSampleId :
 DUP120221

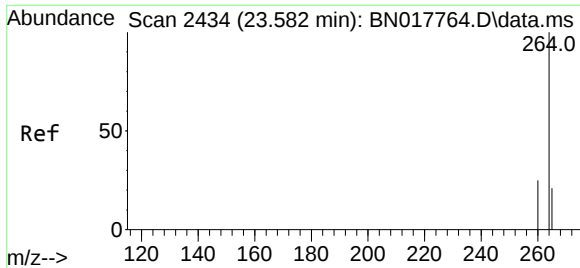
Tgt Ion:244 Resp: 96317
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 11.7 7.1 10.7#



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 2.293 ng
 RT: 21.219 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: BN017791.D
 Acq: 08 Dec 2021 09:09

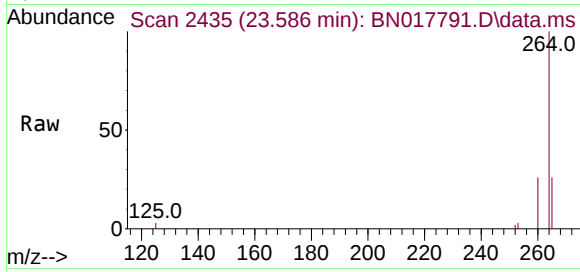
Tgt Ion:149 Resp: 347498
 Ion Ratio Lower Upper
 149 100
 167 28.6 23.5 35.3
 279 5.0 3.8 5.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: BN017791.D
 Acq: 08 Dec 2021 09:09

Instrument :
 BNA_N
 ClientSampleId :
 DUP120221



Tgt Ion:264 Resp: 110240
 Ion Ratio Lower Upper
 264 100
 260 26.4 20.0 30.0
 265 26.3 20.5 30.7

