

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
 Data File : BN016799.D
 Acq On : 07 Oct 2021 04:20
 Operator : CG/JU
 Sample : M4080-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

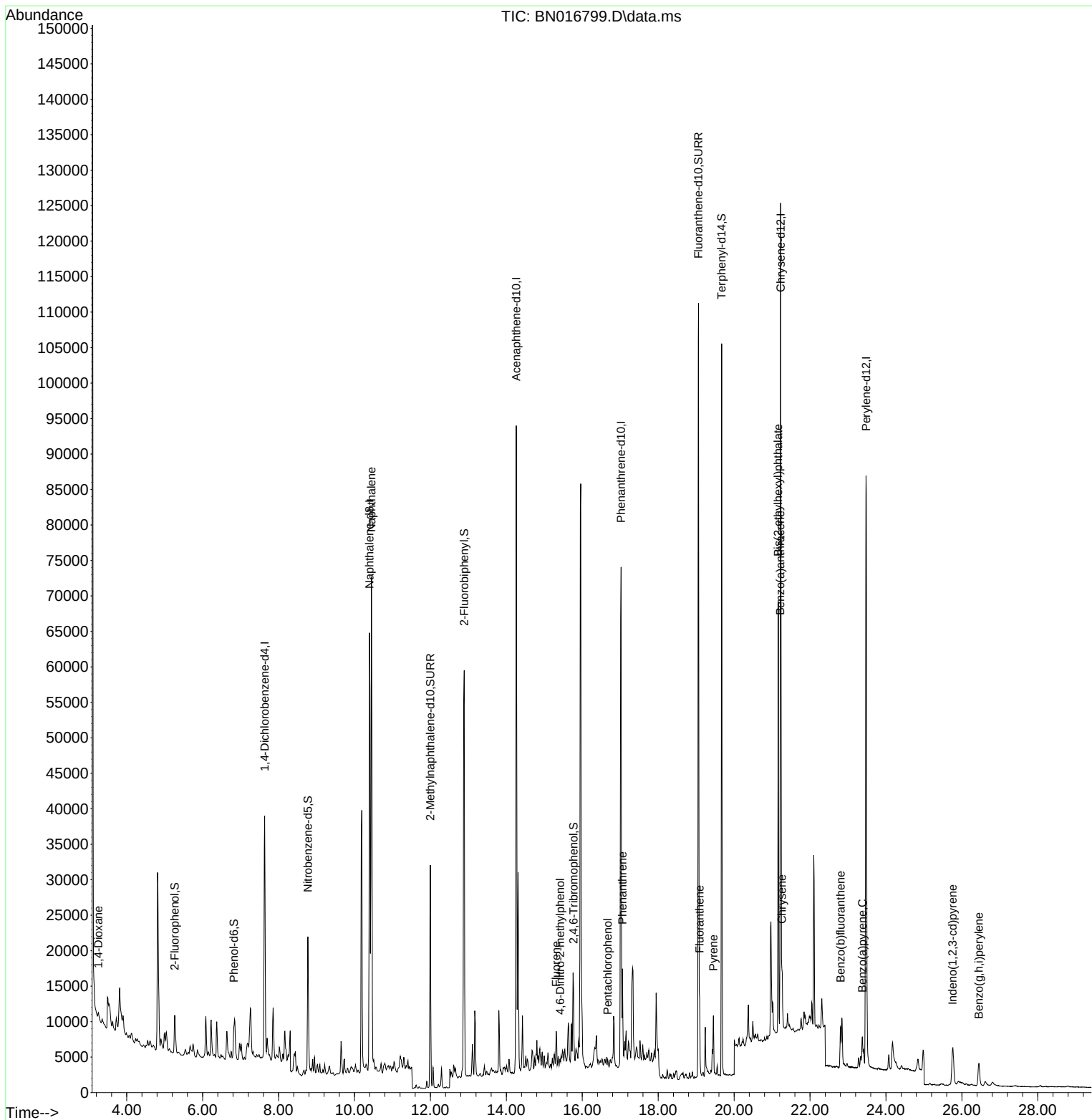
Quant Time: Oct 07 05:01:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 14:22:07 2021
 Response via : Initial Calibration

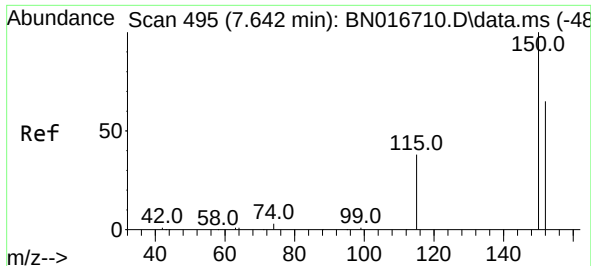
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	19017	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	89305	0.400	ng	-0.01
13) Acenaphthene-d10	14.259	164	51305	0.400	ng	0.00
19) Phenanthrene-d10	17.020	188	102432	0.400	ng	0.00
29) Chrysene-d12	21.225	240	106578	0.400	ng	# 0.00
35) Perylene-d12	23.476	264	112960	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.263	112	6839	0.141	ng	0.02
5) Phenol-d6	6.821	99	4560	0.085	ng	0.00
8) Nitrobenzene-d5	8.771	82	16669	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	11.997	152	42591	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.769	330	10511	0.472	ng	0.00
15) 2-Fluorobiphenyl	12.889	172	55195	0.269	ng	0.00
27) Fluoranthene-d10	19.061	212	120171	0.429	ng	0.00
31) Terphenyl-d14	19.671	244	99407	0.417	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.253	88	302	0.034	ng	# 83
9) Naphthalene	10.444	128	88297	0.361	ng	99
18) Fluorene	15.313	166	3931	0.022	ng	84
20) 4,6-Dinitro-2-methylph...	15.414	198	94	0.277	ng	# 1
24) Pentachlorophenol	16.667	266	460	0.352	ng	97
25) Phenanthrene	17.057	178	14356	0.048	ng	97
28) Fluoranthene	19.091	202	9369	0.028	ng	98
30) Pyrene	19.453	202	7810	0.022	ng	# 92
32) Benzo(a)anthracene	21.215	228	6953	0.021	ng	# 92
33) Chrysene	21.257	228	7182	0.021	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.162	149	50267	0.251	ng	99
36) Indeno(1,2,3-cd)pyrene	25.752	276	7394	0.021	ng	96
37) Benzo(b)fluoranthene	22.801	252	7906	0.022	ng	# 64
39) Benzo(a)pyrene	23.376	252	6584	0.020	ng	# 53
41) Benzo(g,h,i)perylene	26.447	276	6719	0.021	ng	# 86

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

Quant Time: Oct 07 05:01:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
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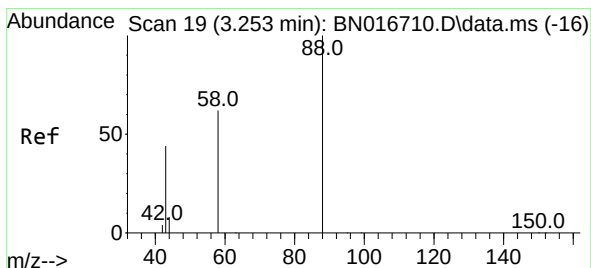
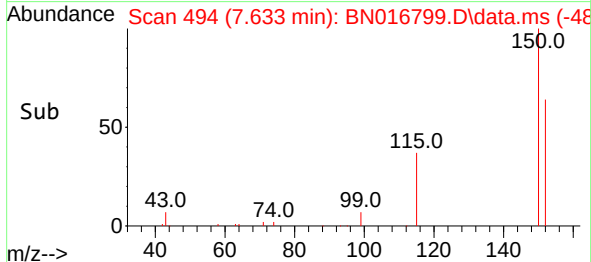
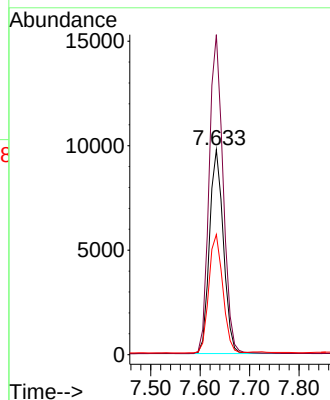
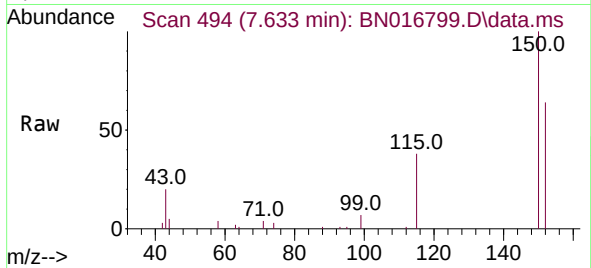




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.633 min Scan# 494
 Delta R.T. -0.000 min
 Lab File: BN016799.D
 Acq: 07 Oct 2021 04:20

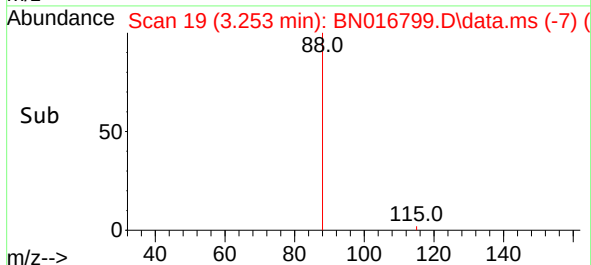
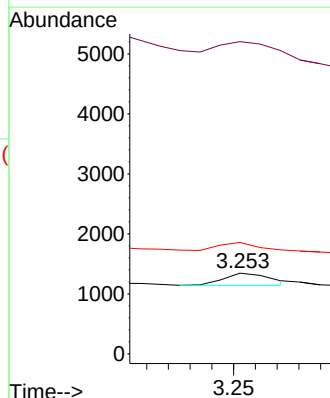
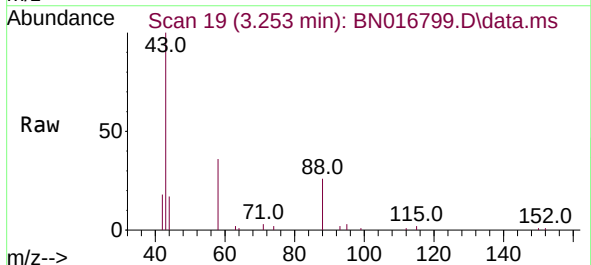
Instrument :
 BNA_N
 ClientSampleId :

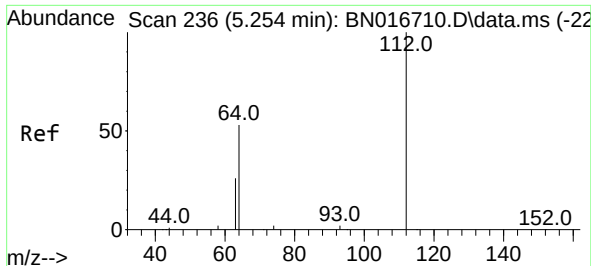
Tgt Ion:152 Resp: 19017
 Ion Ratio Lower Upper
 152 100
 150 156.1 123.3 184.9
 115 58.6 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.034 ng
 RT: 3.253 min Scan# 19
 Delta R.T. 0.009 min
 Lab File: BN016799.D
 Acq: 07 Oct 2021 04:20

Tgt Ion: 88 Resp: 302
 Ion Ratio Lower Upper
 88 100
 43 81.1 61.7 92.5
 58 52.0 62.2 93.2#

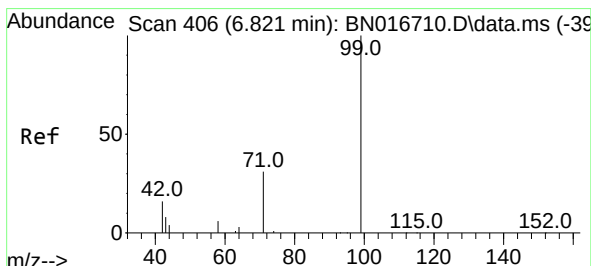
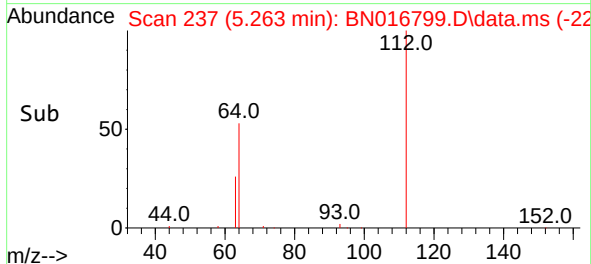
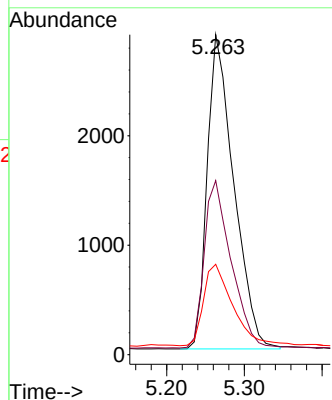
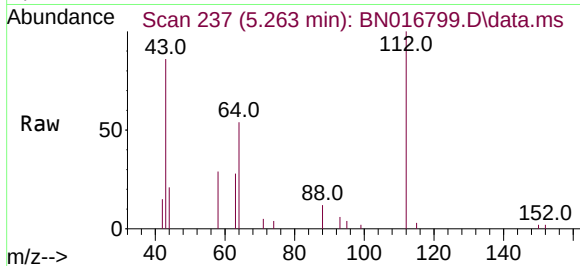




#4
2-Fluorophenol
Concen: 0.141 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.018 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

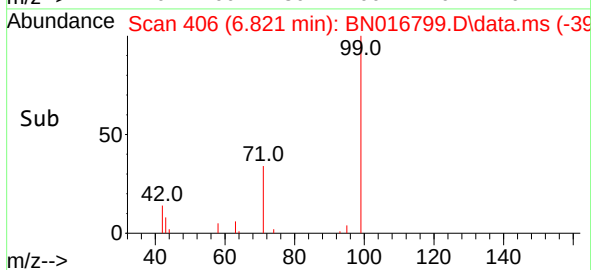
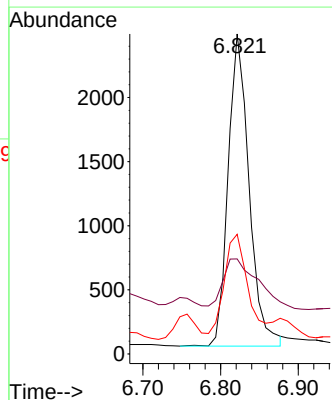
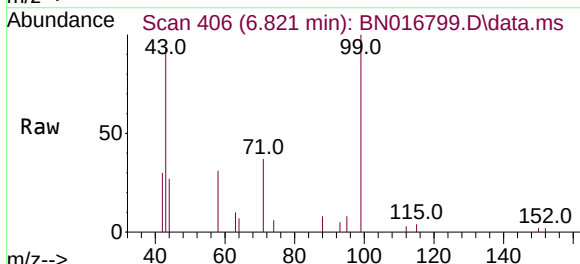
Instrument :
BNA_N
ClientSampled :

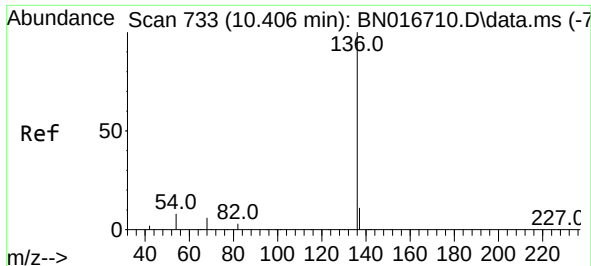
Tgt Ion:112 Resp: 6839
Ion Ratio Lower Upper
112 100
64 53.9 42.9 64.3
63 28.4 21.5 32.3



#5
Phenol-d6
Concen: 0.085 ng
RT: 6.821 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion: 99 Resp: 4560
Ion Ratio Lower Upper
99 100
42 23.5 13.4 20.2#
71 34.0 24.0 36.0

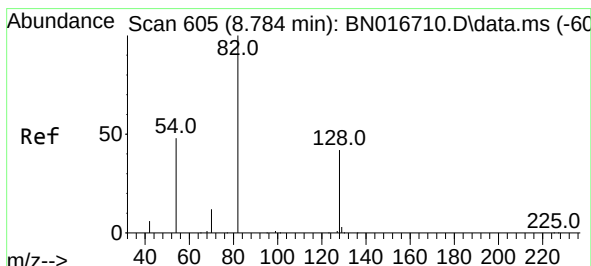
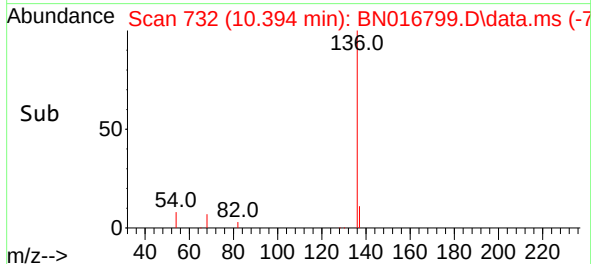
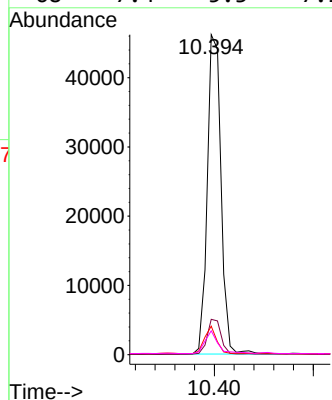
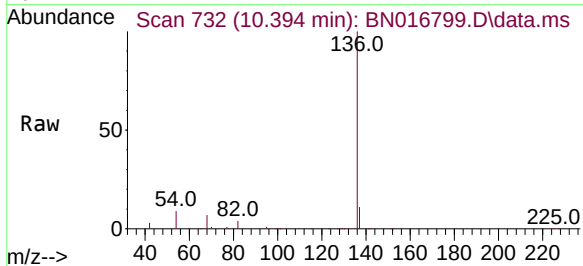




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.013 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

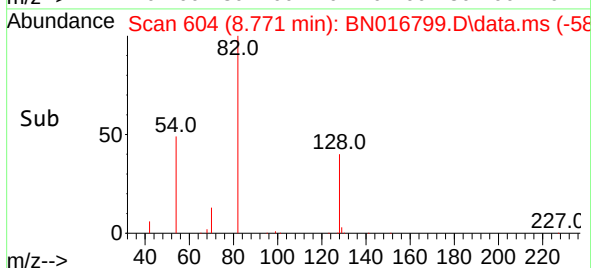
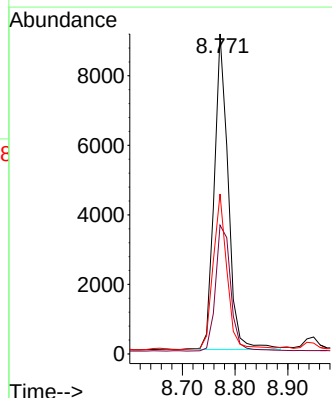
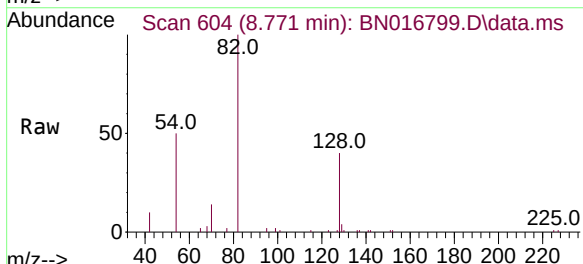
Instrument :
BNA_N
ClientSampleId :

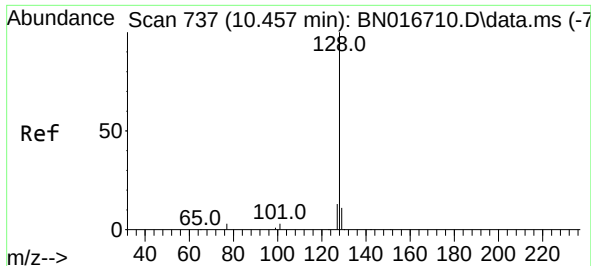
Tgt Ion:	136	Resp:	89305
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.9	6.5	9.7
68	7.4	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.771 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:	82	Resp:	16669
Ion Ratio	Lower	Upper	
82	100		
128	40.3	33.8	50.6
54	50.0	38.5	57.7

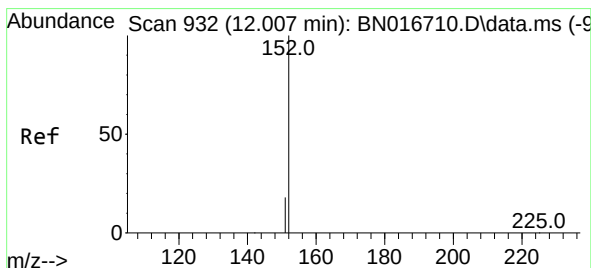
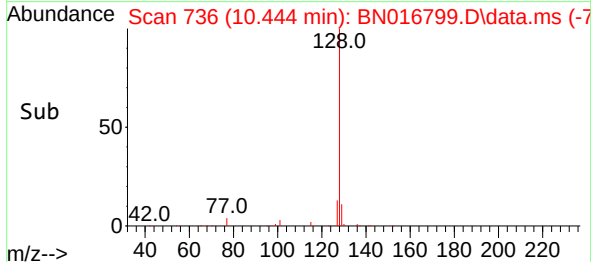
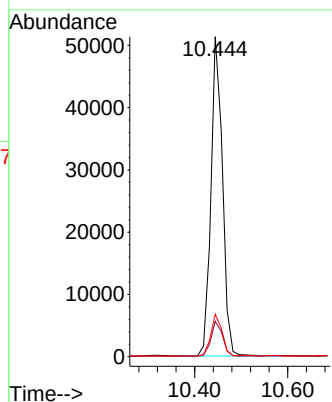
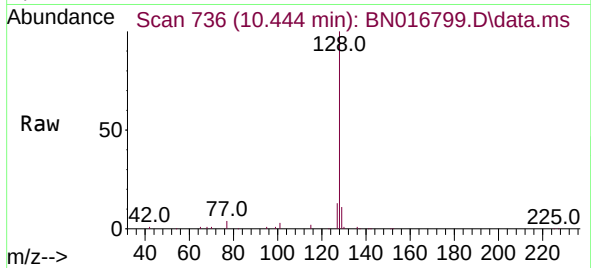




#9
Naphthalene
Concen: 0.361 ng
RT: 10.444 min Scan# 736
Delta R.T. -0.000 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

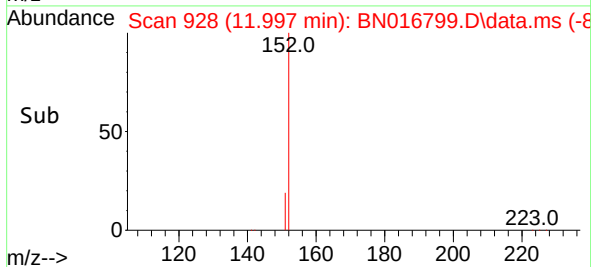
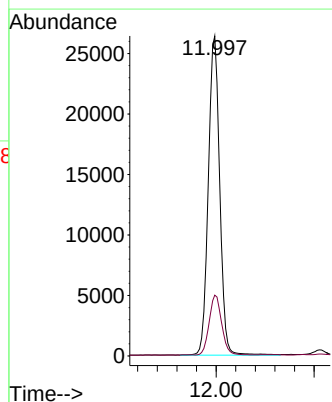
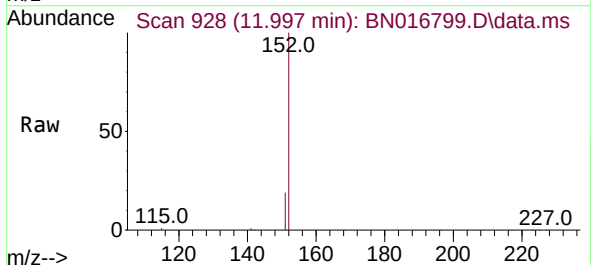
Instrument :
BNA_N
ClientSampleId :

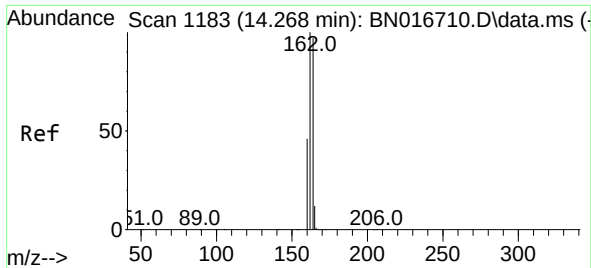
Tgt Ion:128 Resp: 88297
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.3 10.3 15.5



#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 11.997 min Scan# 928
Delta R.T. -0.001 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:152 Resp: 42591
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4

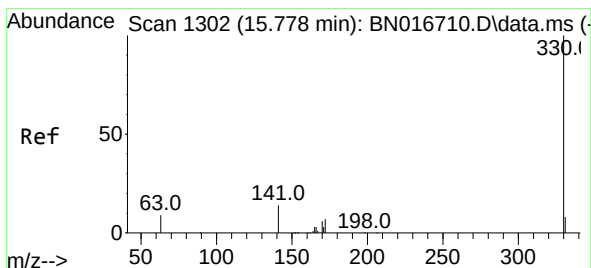
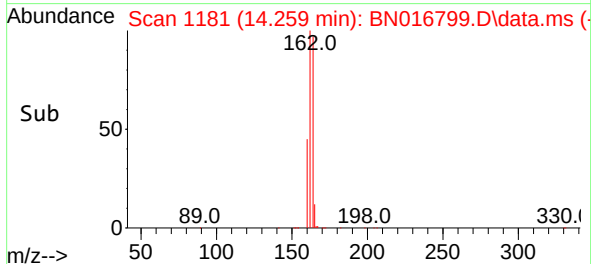
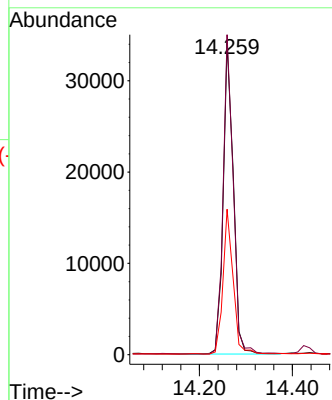
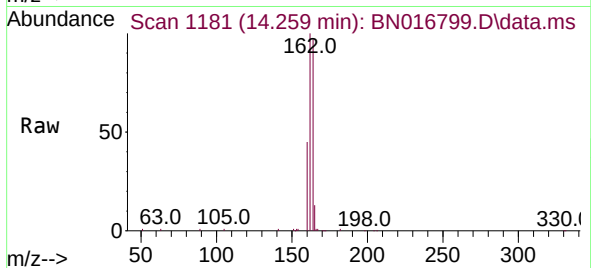




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.259 min Scan# 1181
 Delta R.T. -0.009 min
 Lab File: BN016799.D
 Acq: 07 Oct 2021 04:20

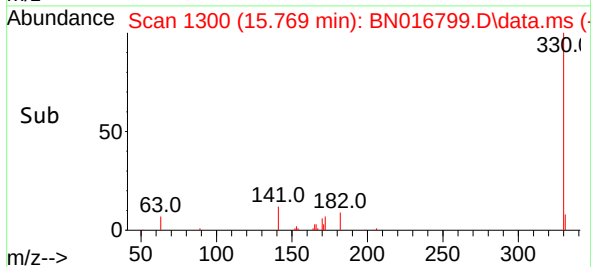
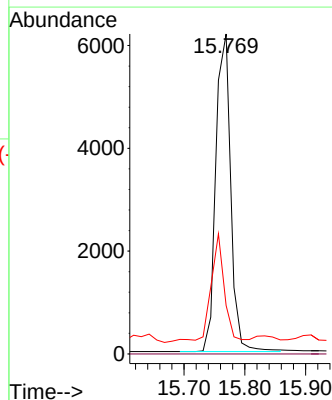
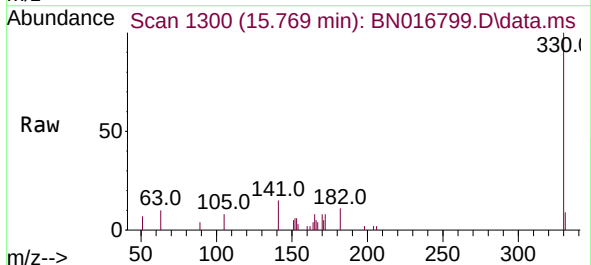
Instrument :
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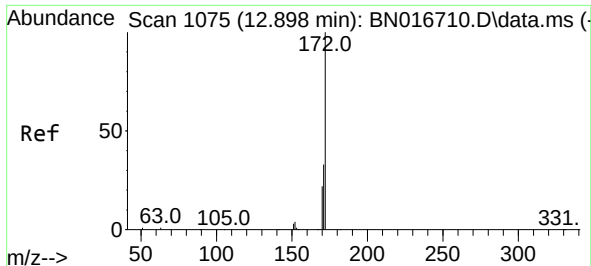
Tgt Ion:164 Resp: 51305
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 124.0
 160 46.6 38.2 57.2



#14
 2,4,6-Tribromophenol
 Concen: 0.472 ng
 RT: 15.769 min Scan# 1300
 Delta R.T. 0.003 min
 Lab File: BN016799.D
 Acq: 07 Oct 2021 04:20

Tgt Ion:330 Resp: 10511
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 29.8 24.2 36.2

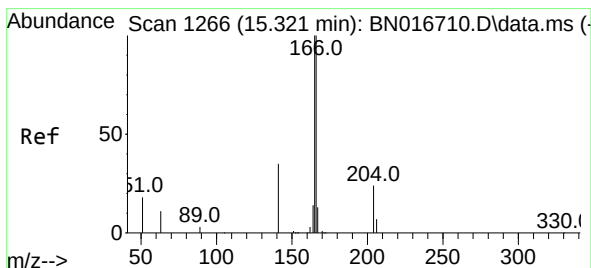
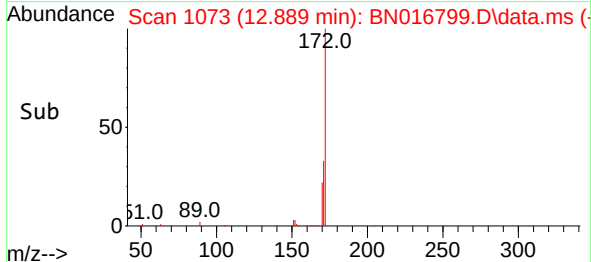
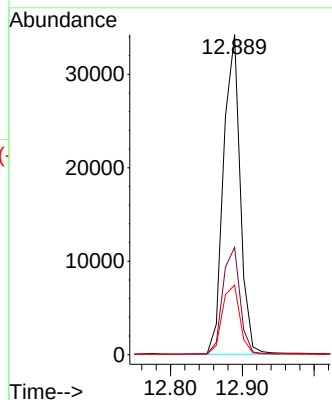
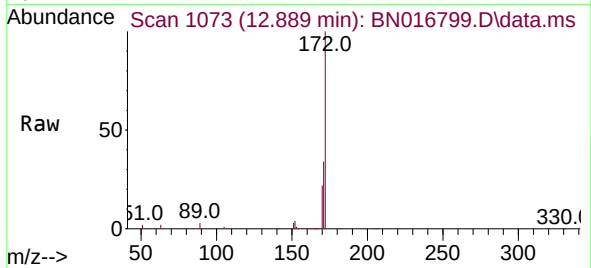




#15
2-Fluorobiphenyl
Concen: 0.269 ng
RT: 12.889 min Scan# 1073
Delta R.T. 0.003 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

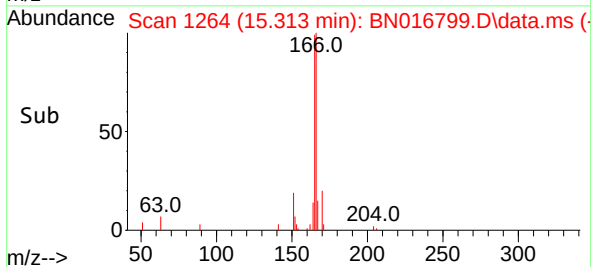
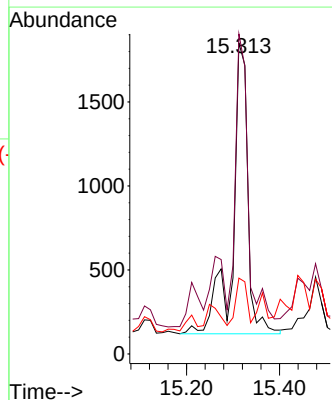
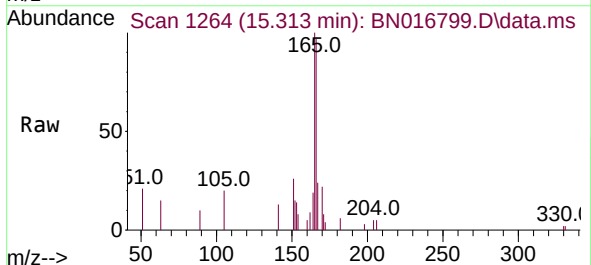
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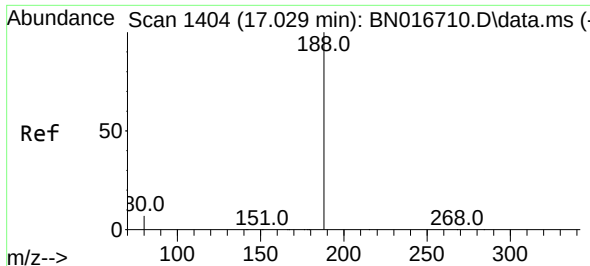
Tgt Ion:172	Resp:	55195
Ion Ratio	Lower	Upper
172	100	
171	33.6	26.9 40.3
170	21.8	17.4 26.0



#18
Fluorene
Concen: 0.022 ng
RT: 15.313 min Scan# 1264
Delta R.T. -0.009 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:166	Resp:	3931
Ion Ratio	Lower	Upper
166	100	
165	79.5	78.1 117.1
167	13.2	10.7 16.1

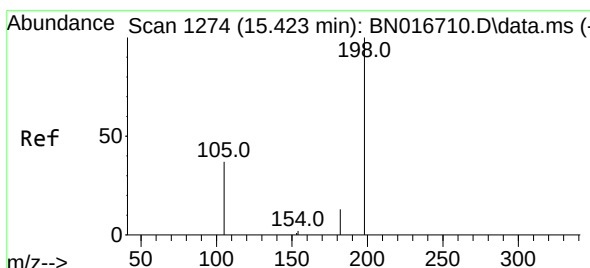
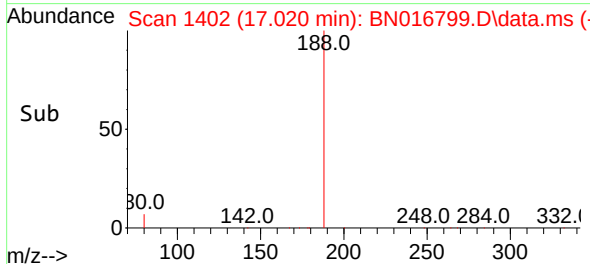
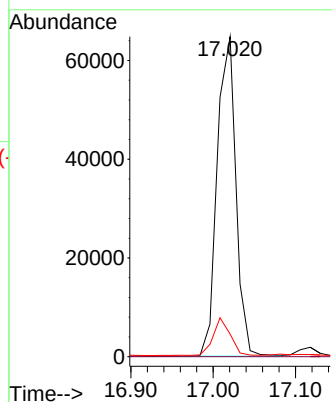
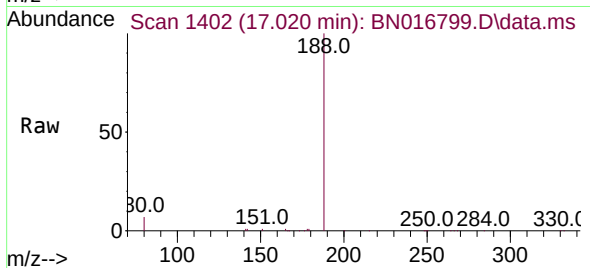




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.020 min Scan# 1402
Delta R.T. 0.003 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

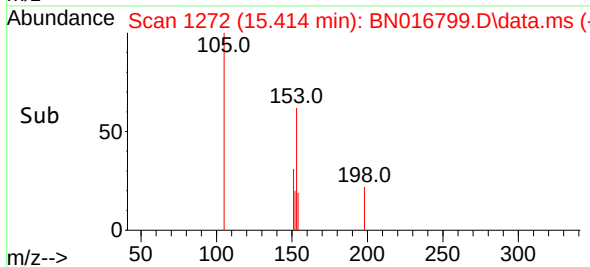
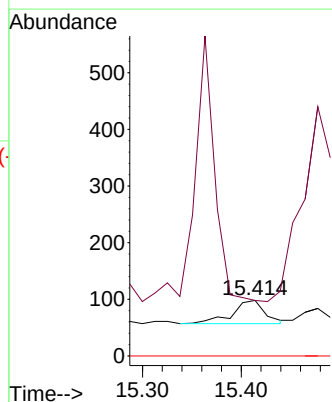
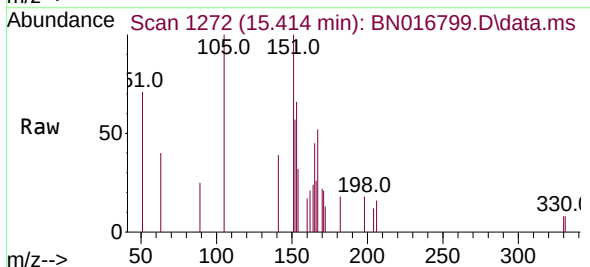
Instrument :
BNA_N
ClientSampled :

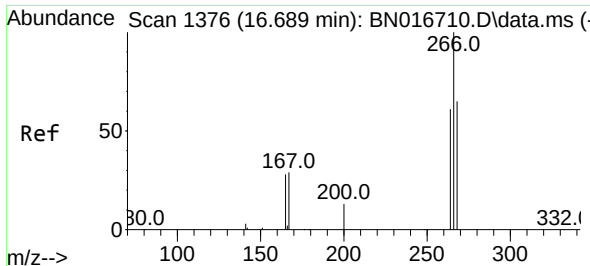
Tgt Ion:188 Resp: 102432
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.1 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.277 ng
RT: 15.414 min Scan# 1272
Delta R.T. 0.003 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:198 Resp: 94
Ion Ratio Lower Upper
198 100
182 100.0 26.2 39.2#
77 0.0 0.0 0.0

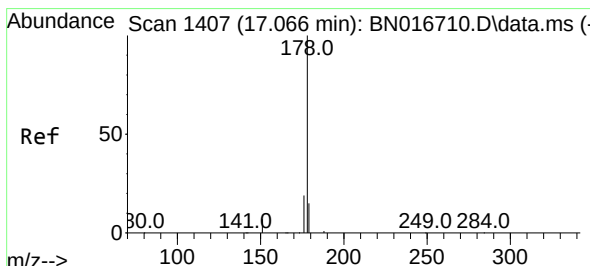
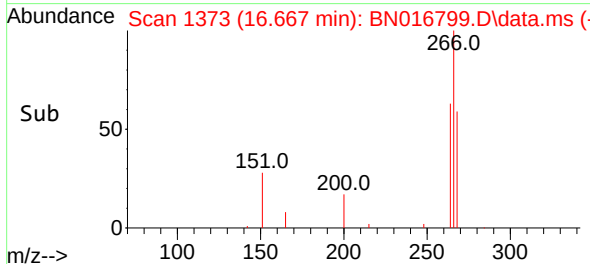
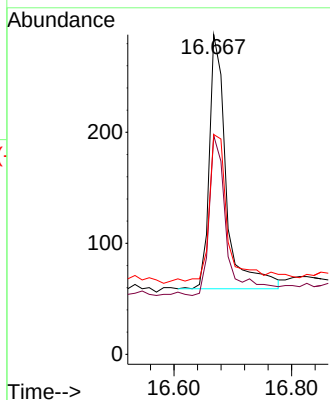
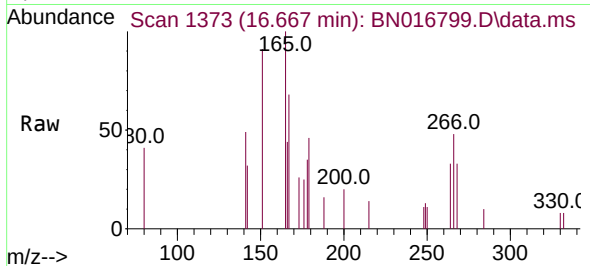




#24
Pentachlorophenol
Concen: 0.352 ng
RT: 16.667 min Scan# 1373
Delta R.T. -0.009 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

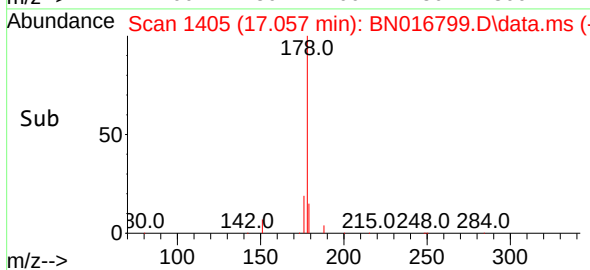
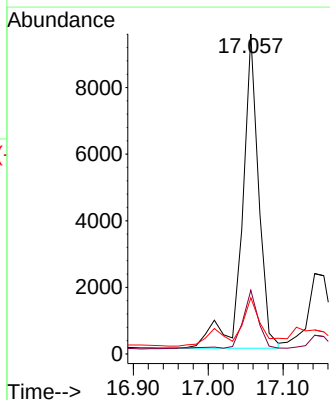
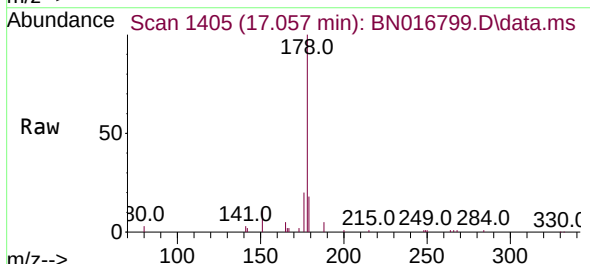
Instrument :
BNA_N
ClientSampleId :

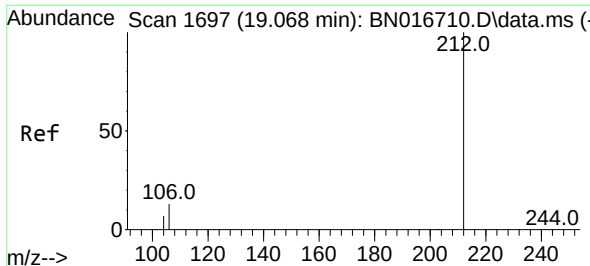
Tgt Ion:266	Resp:	460
Ion Ratio	Lower	Upper
266	100	
264	65.9	49.3 73.9
268	63.9	51.8 77.8



#25
Phenanthrene
Concen: 0.048 ng
RT: 17.057 min Scan# 1405
Delta R.T. 0.003 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:178	Resp:	14356
Ion Ratio	Lower	Upper
178	100	
176	18.7	15.0 22.6
179	13.1	12.4 18.6

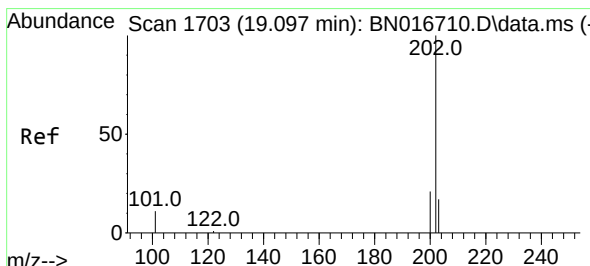
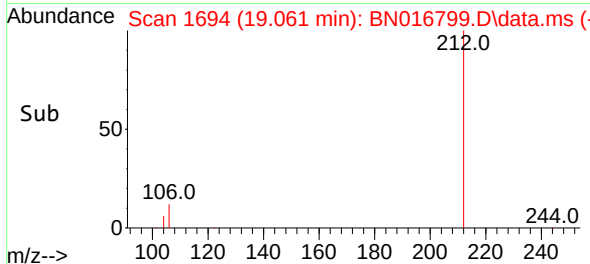
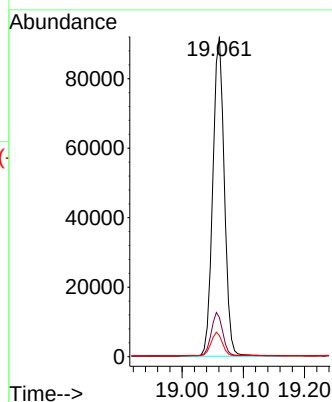
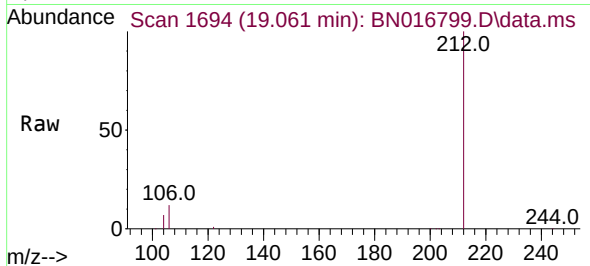




#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.061 min Scan# 1694
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

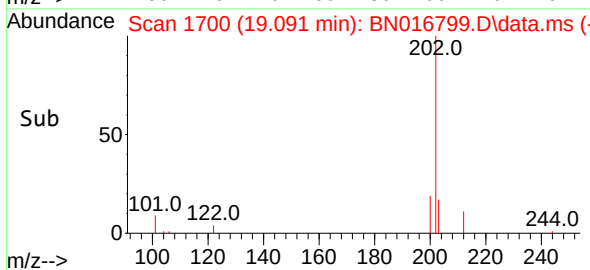
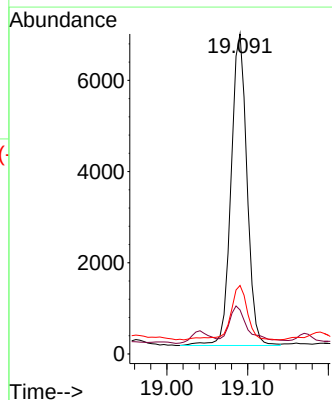
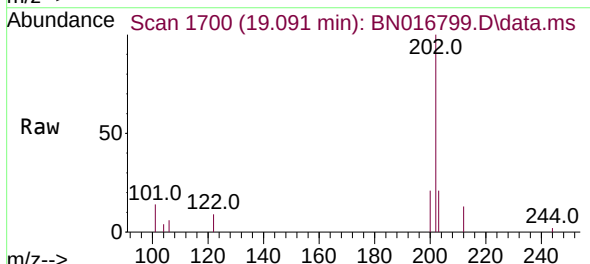
Instrument :
BNA_N
ClientSampled :

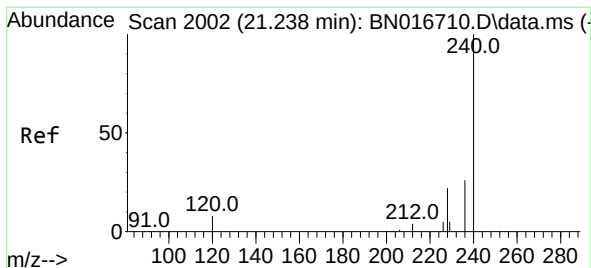
Tgt Ion:212 Resp: 120171
Ion Ratio Lower Upper
212 100
106 13.4 10.6 16.0
104 7.3 5.8 8.8



#28
Fluoranthene
Concen: 0.028 ng
RT: 19.091 min Scan# 1700
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:202 Resp: 9369
Ion Ratio Lower Upper
202 100
101 11.7 8.9 13.3
203 18.6 13.8 20.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.225 min Scan# 1999

Delta R.T. -0.002 min

Lab File: BN016799.D

Acq: 07 Oct 2021 04:20

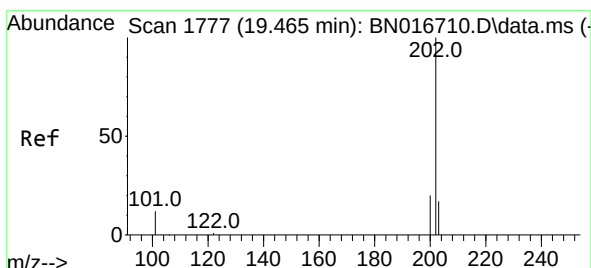
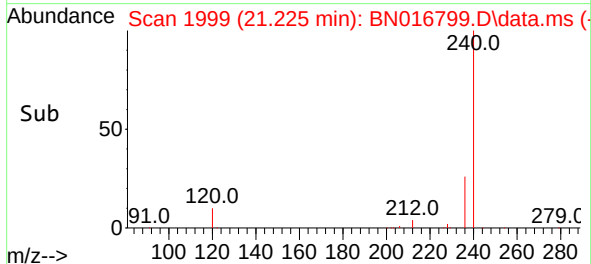
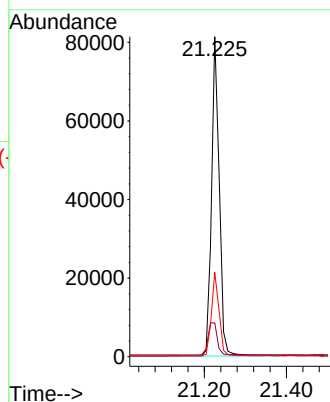
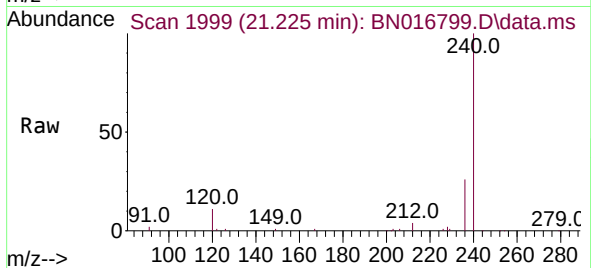
Tgt Ion:240 Resp: 106578

Ion Ratio Lower Upper

240 100

120 10.5 6.6 10.0#

236 26.3 20.7 31.1



#30

Pyrene

Concen: 0.022 ng

RT: 19.453 min Scan# 1773

Delta R.T. -0.002 min

Lab File: BN016799.D

Acq: 07 Oct 2021 04:20

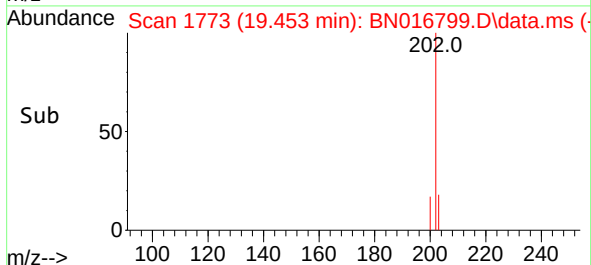
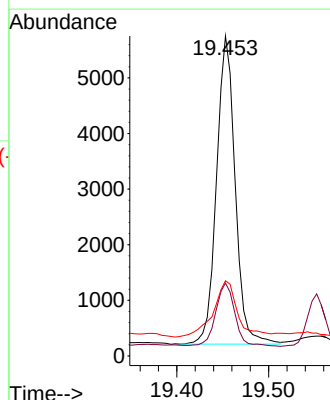
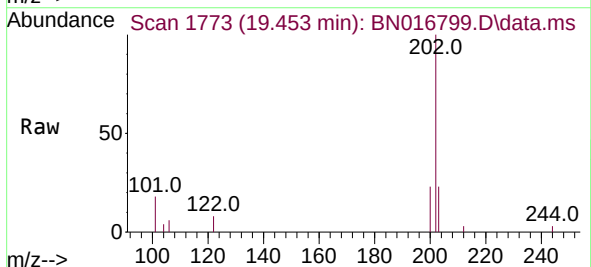
Tgt Ion:202 Resp: 7810

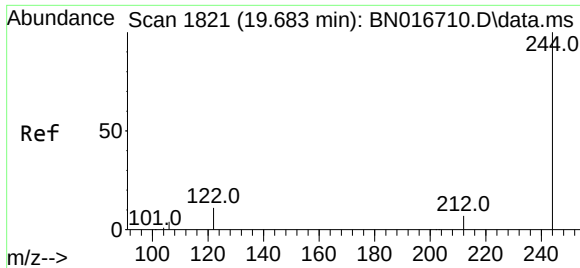
Ion Ratio Lower Upper

202 100

200 21.2 16.5 24.7

203 24.1 13.9 20.9#

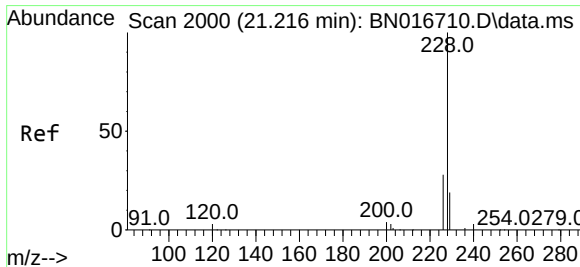
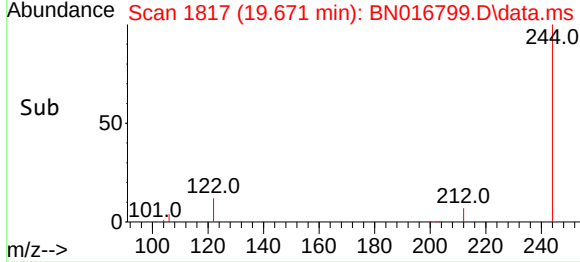
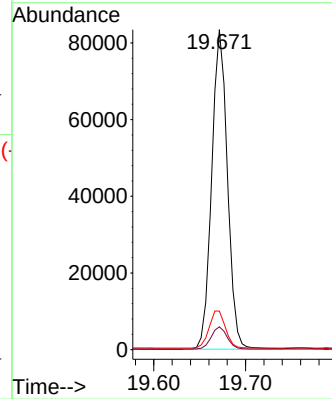
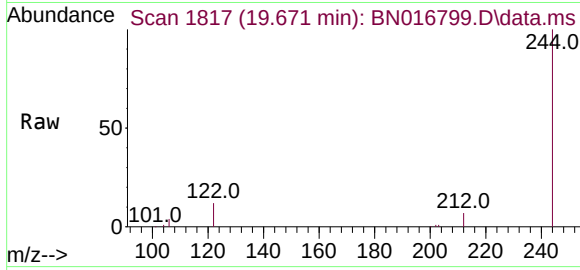




#31
 Terphenyl-d14
 Concen: 0.417 ng
 RT: 19.671 min Scan# 1817
 Delta R.T. -0.002 min
 Lab File: BN016799.D
 Acq: 07 Oct 2021 04:20

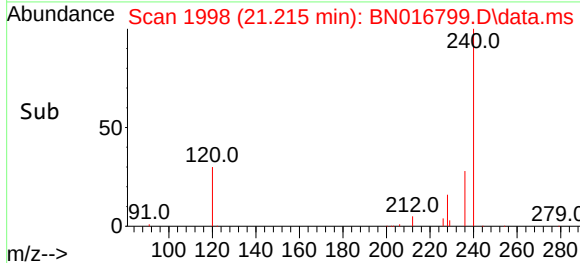
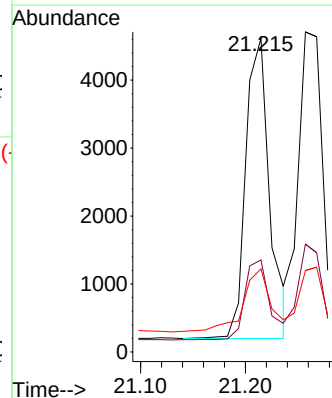
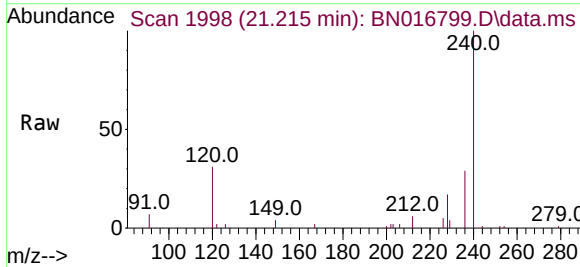
Instrument :
 BNA_N
 ClientSampleId :

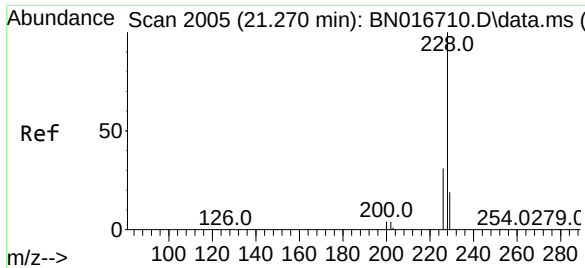
Tgt Ion:244	Resp:	99407
Ion Ratio	Lower	Upper
244	100	
212	7.2	5.8 8.6
122	12.0	8.9 13.3



#32
 Benzo(a)anthracene
 Concen: 0.021 ng
 RT: 21.215 min Scan# 1998
 Delta R.T. -0.002 min
 Lab File: BN016799.D
 Acq: 07 Oct 2021 04:20

Tgt Ion:228	Resp:	6953
Ion Ratio	Lower	Upper
228	100	
226	29.4	22.3 33.5
229	26.5	15.4 23.0#

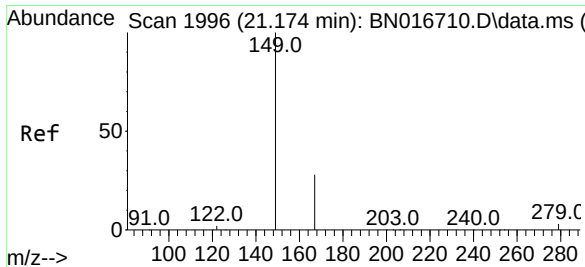
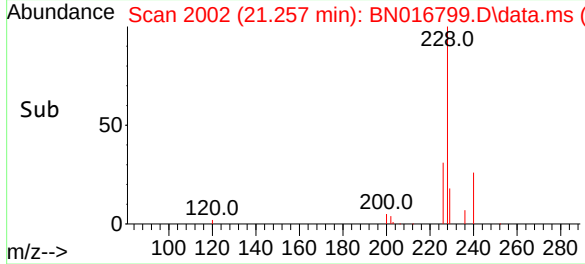
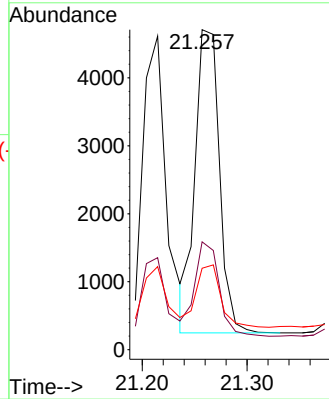
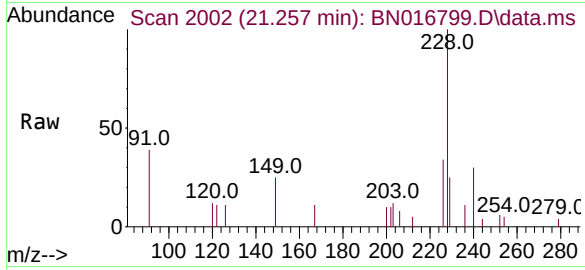




#33
Chrysene
Concen: 0.021 ng
RT: 21.257 min Scan# 2002
Delta R.T. -0.013 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

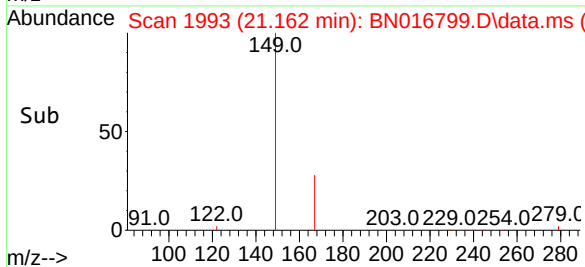
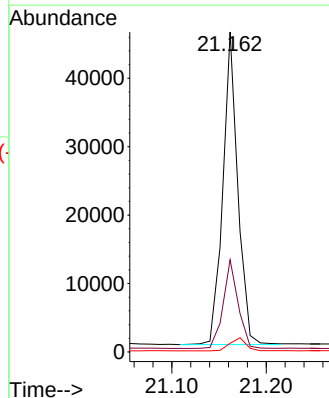
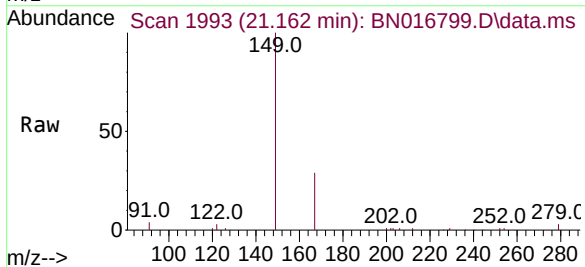
Instrument :
BNA_N
ClientSampleId :

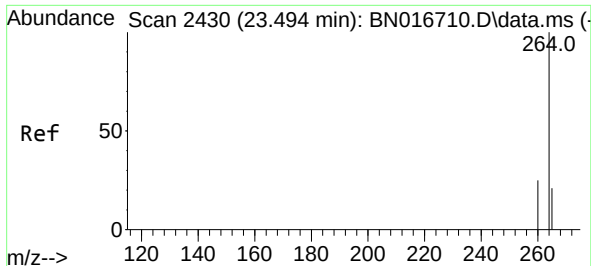
Tgt Ion:	228	Resp:	7182
Ion Ratio	Lower	Upper	
228	100		
226	33.7	24.2	36.4
229	25.4	15.4	23.0



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.251 ng
RT: 21.162 min Scan# 1993
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

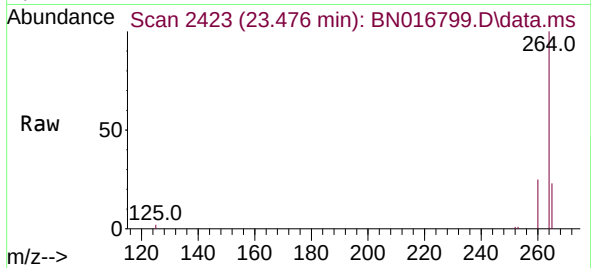
Tgt Ion:	149	Resp:	50267
Ion Ratio	Lower	Upper	
149	100		
167	28.4	22.2	33.4
279	4.4	3.4	5.2



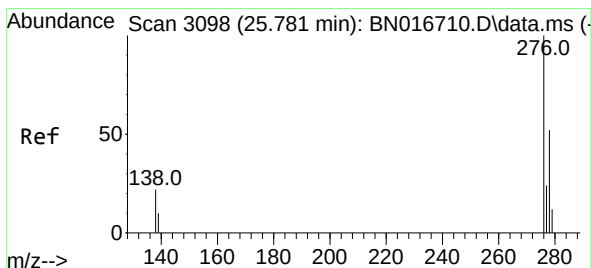
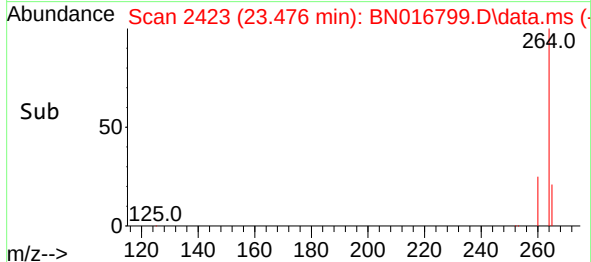
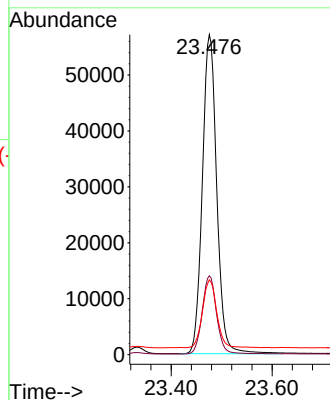


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.476 min Scan# 2423
Delta R.T. -0.005 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Instrument :
BNA_N
ClientSampled :

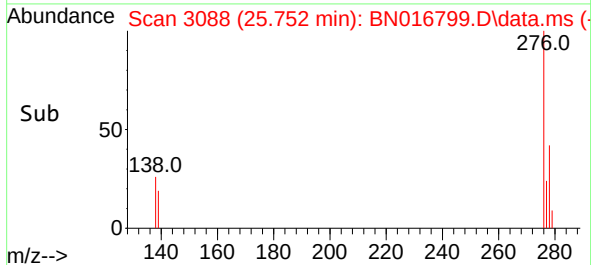
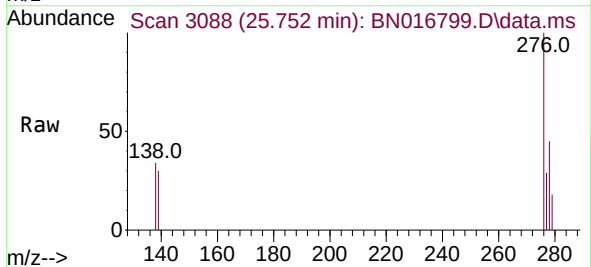
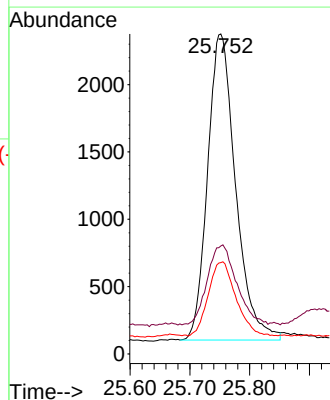


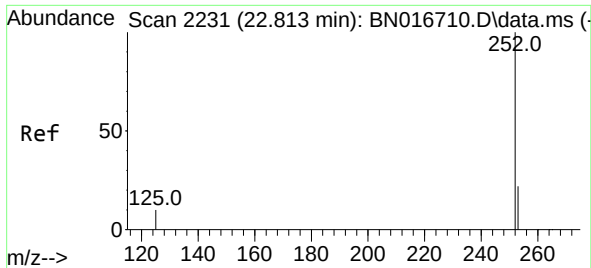
Tgt Ion:264 Resp: 112960
Ion Ratio Lower Upper
264 100
260 24.6 19.8 29.6
265 23.4 20.3 30.5



#36
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 25.752 min Scan# 3088
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:276 Resp: 7394
Ion Ratio Lower Upper
276 100
138 27.5 19.2 28.8
277 24.0 20.0 30.0

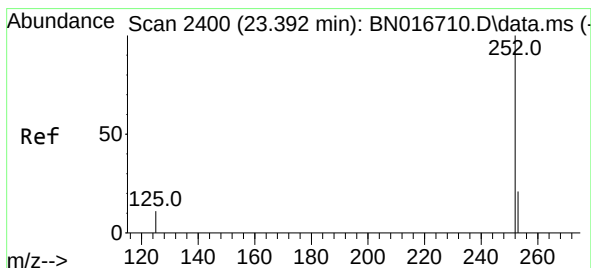
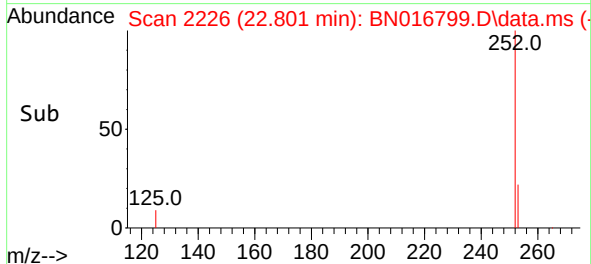
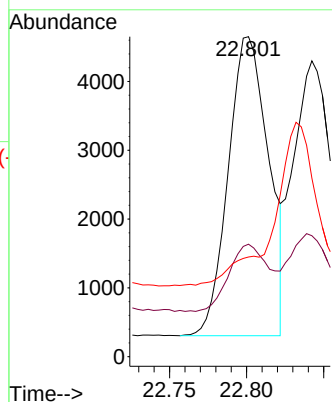
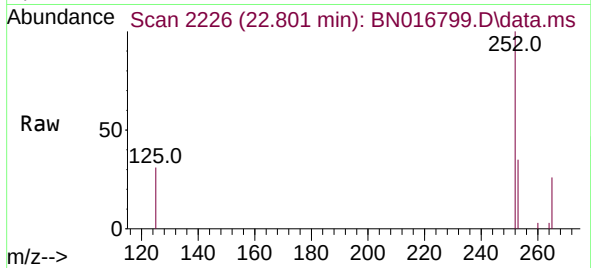




#37
Benzo(b)fluoranthene
Concen: 0.022 ng
RT: 22.801 min Scan# 2226
Delta R.T. -0.002 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

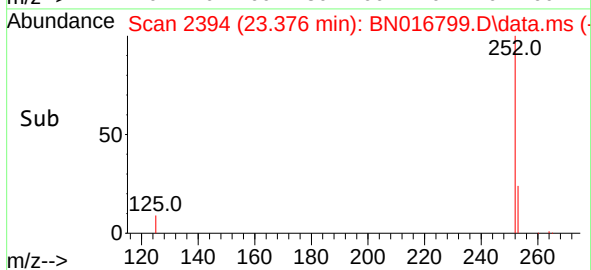
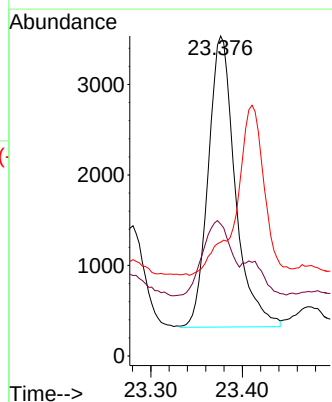
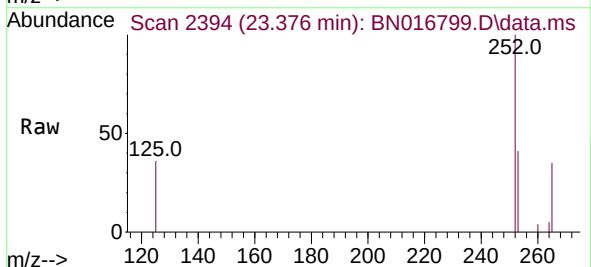
Instrument :
BNA_N
ClientSampleId :

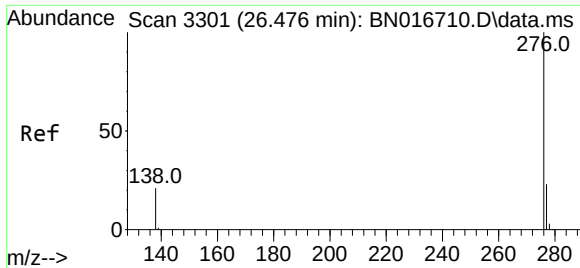
Tgt Ion:252 Resp: 7906
Ion Ratio Lower Upper
252 100
253 35.1 17.8 26.8#
125 31.2 8.3 12.5#



#39
Benzo(a)pyrene
Concen: 0.020 ng
RT: 23.376 min Scan# 2394
Delta R.T. -0.005 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Tgt Ion:252 Resp: 6584
Ion Ratio Lower Upper
252 100
253 41.2 17.9 26.9#
125 35.6 9.4 14.2#





#41
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 26.447 min Scan# 3291
Delta R.T. -0.005 min
Lab File: BN016799.D
Acq: 07 Oct 2021 04:20

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 6719
Ion Ratio Lower Upper
276 100
277 27.9 19.0 28.4
138 30.8 17.0 25.6#

